

Fig.1

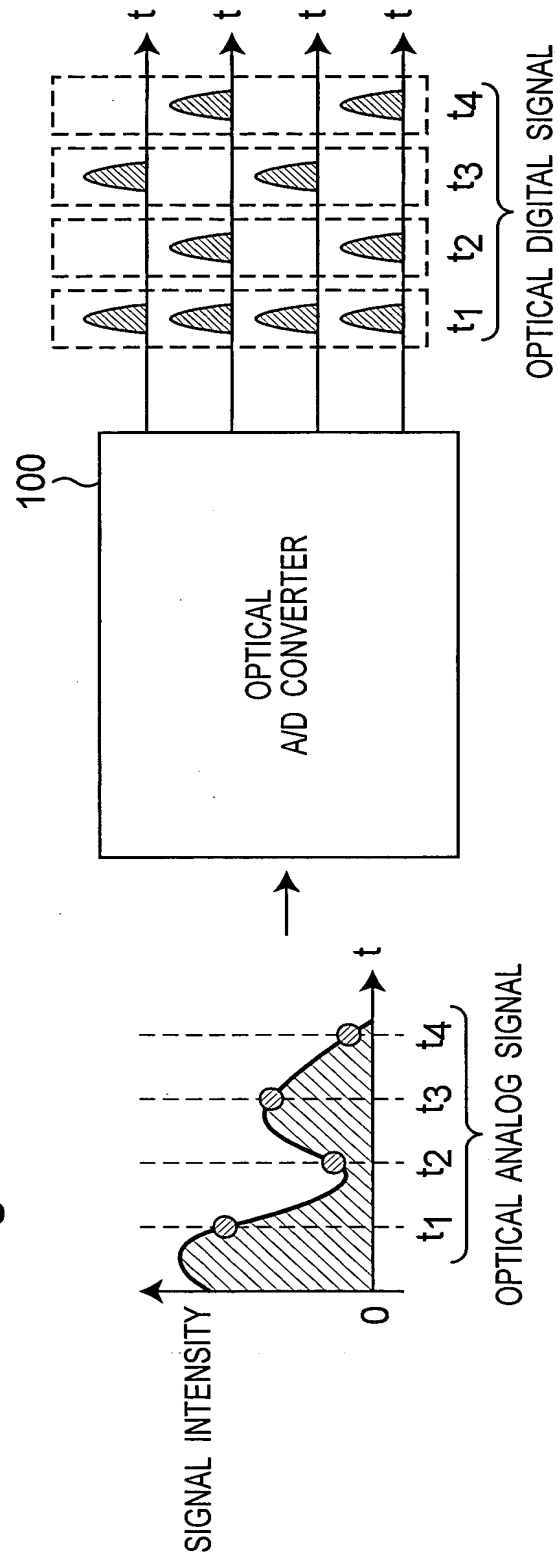


Fig.3

OPTICAL ENCODER 201

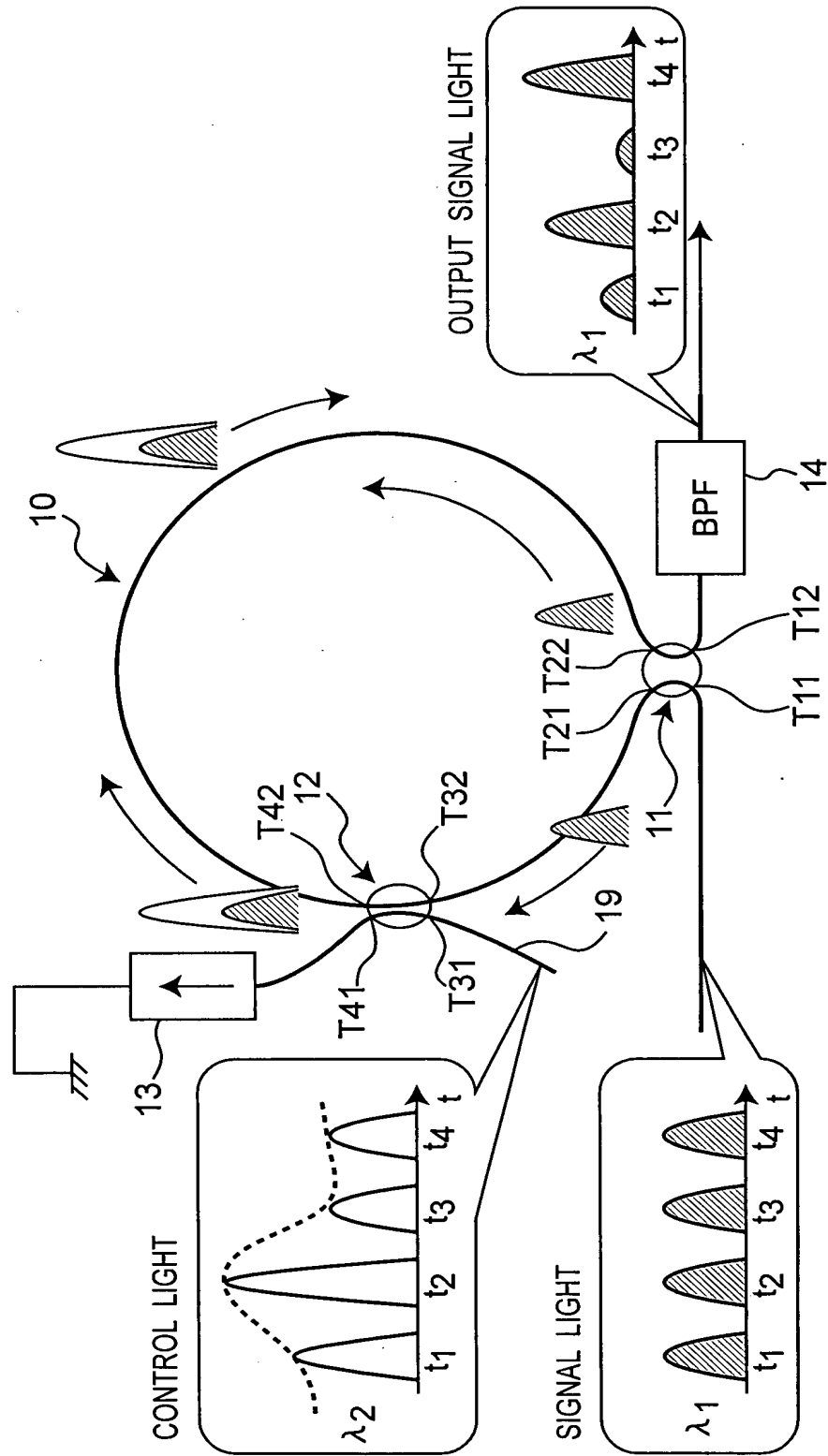


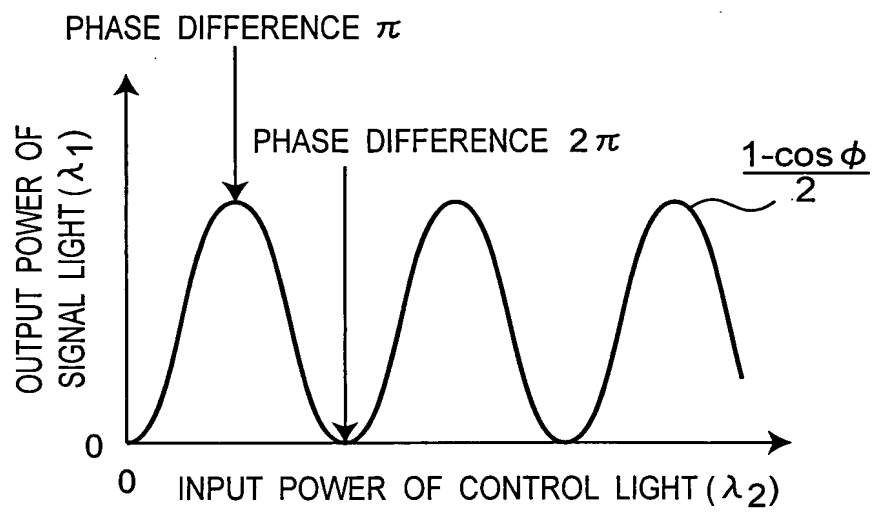
Fig.4

Fig.5

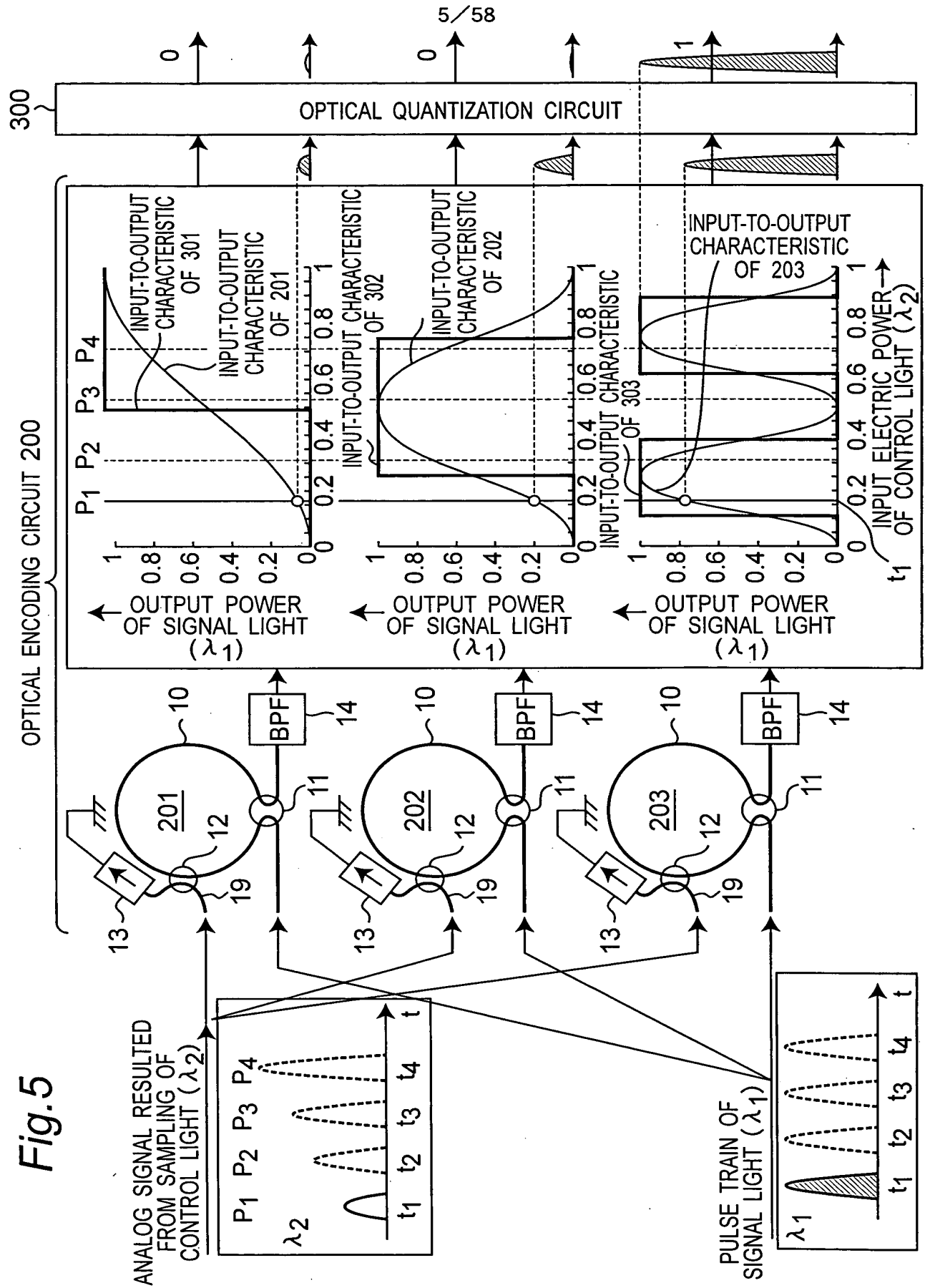


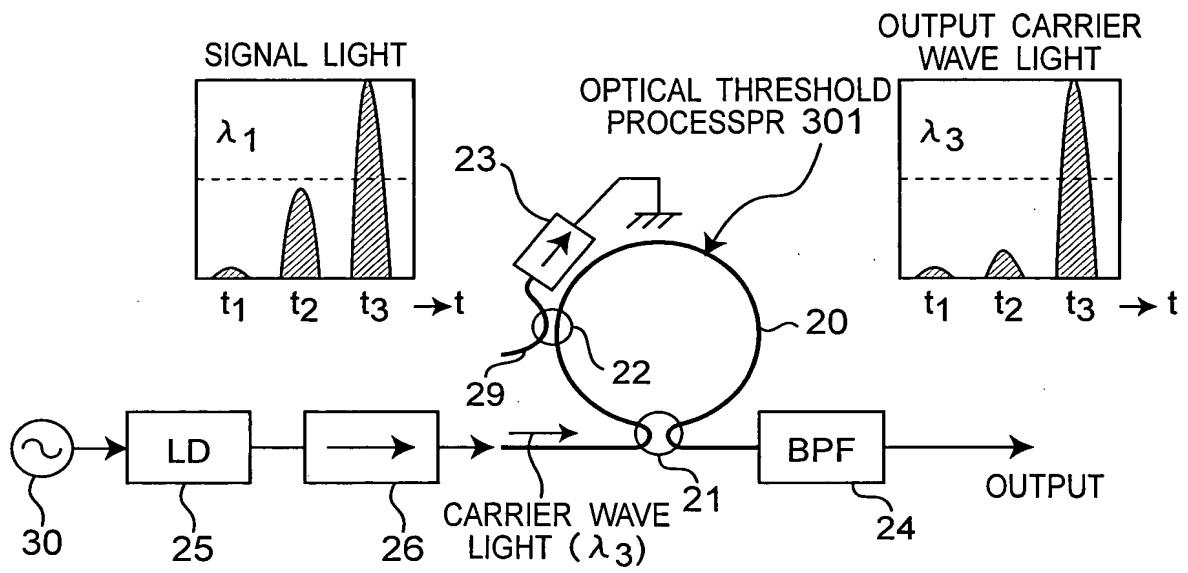
Fig.6

Fig. 7

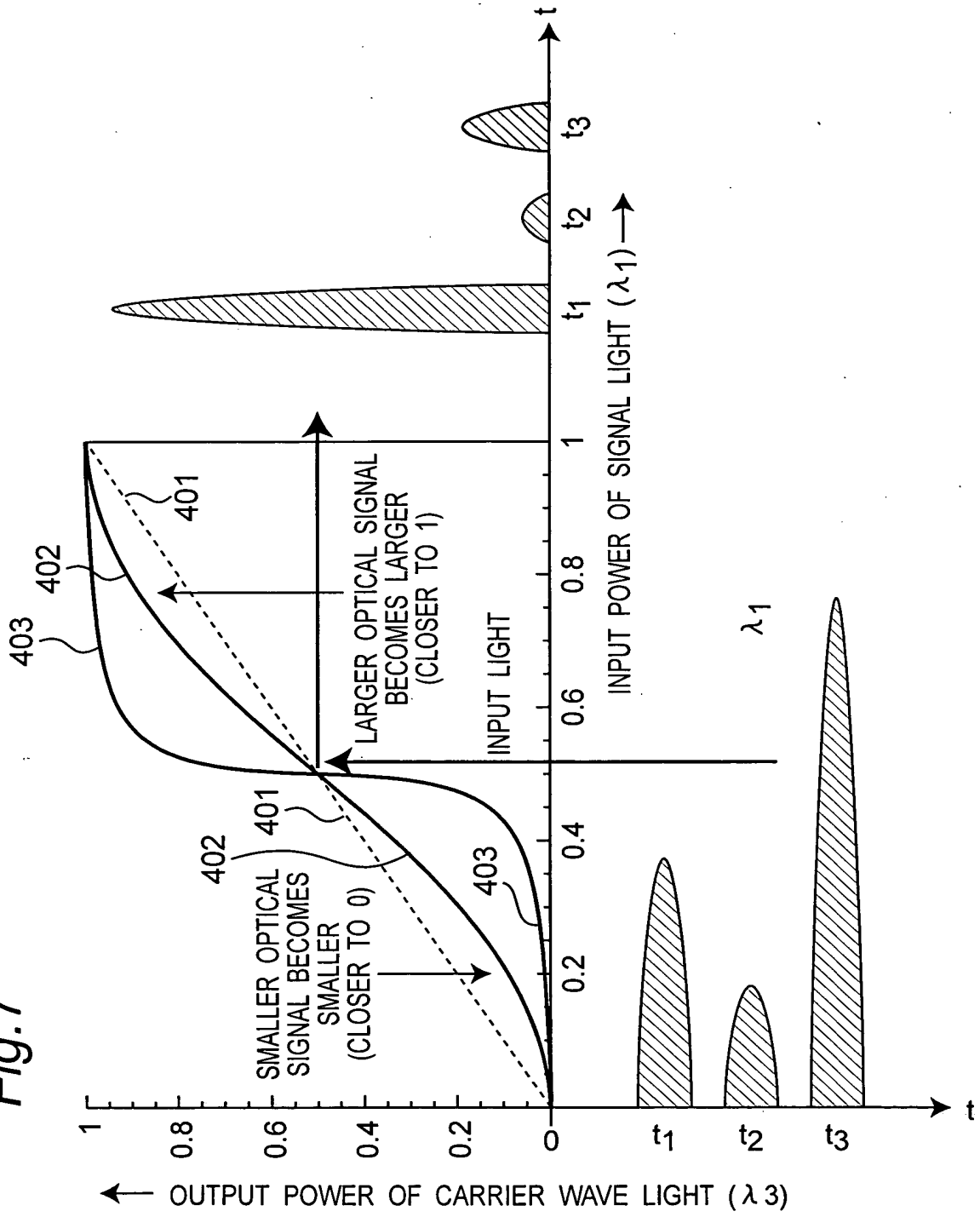


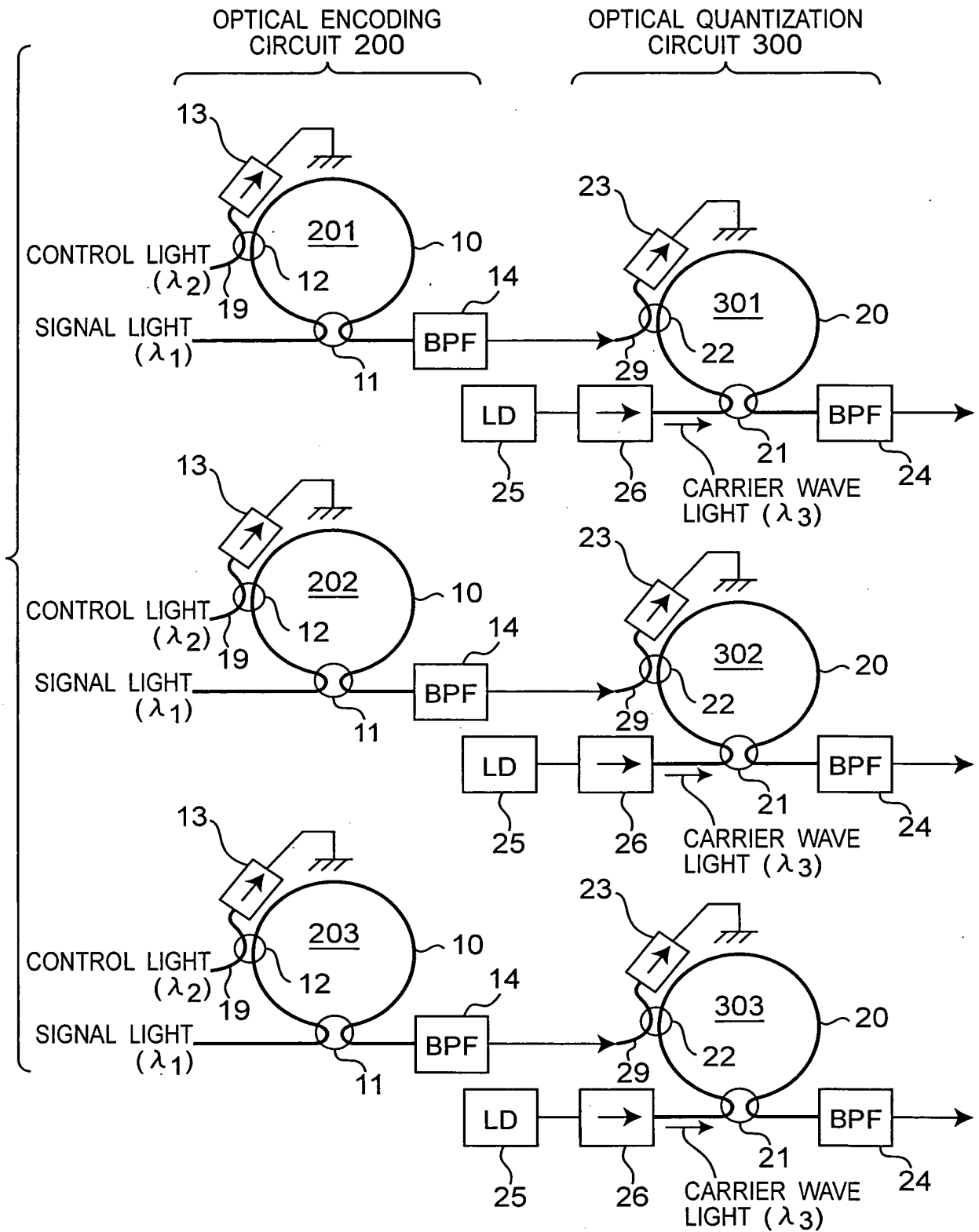
Fig.8

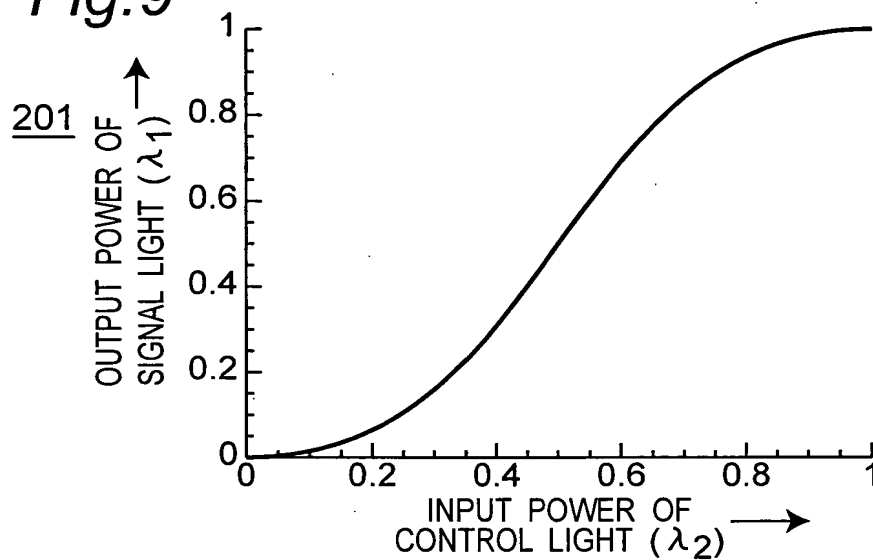
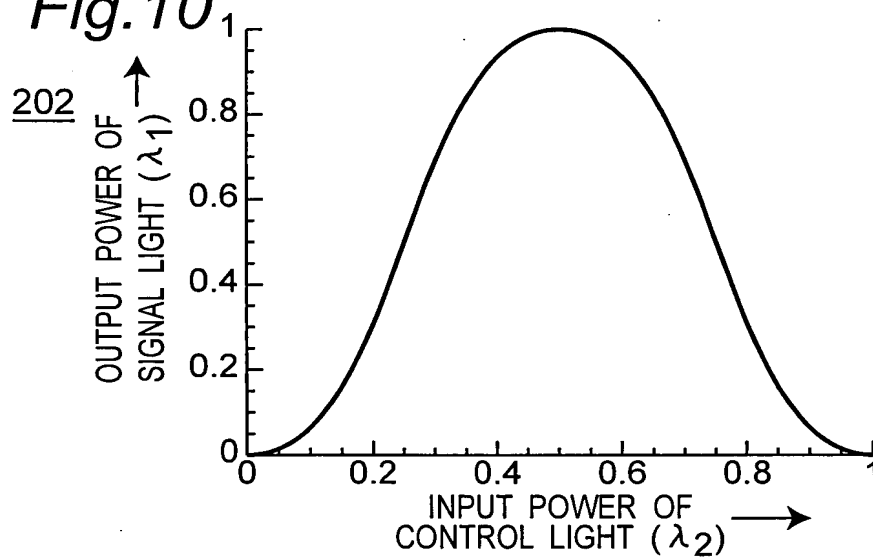
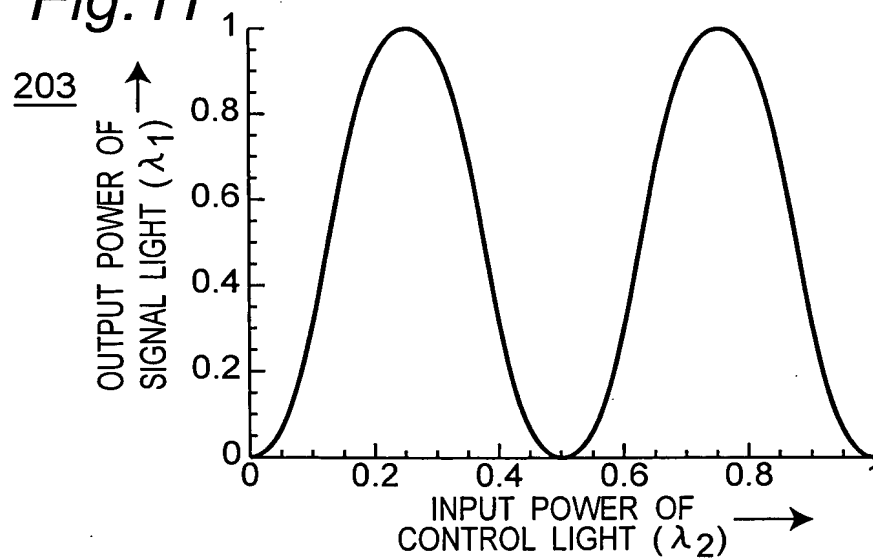
Fig. 9**Fig. 10****Fig. 11**

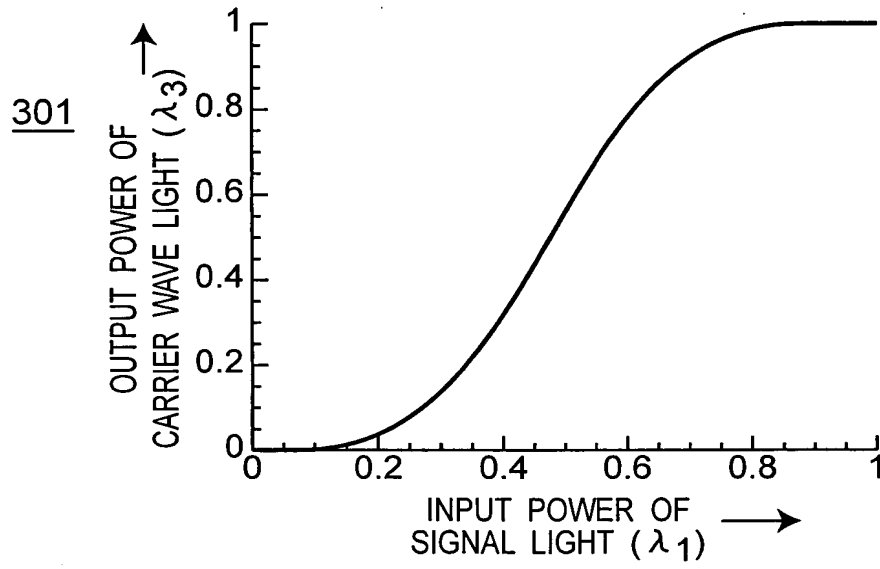
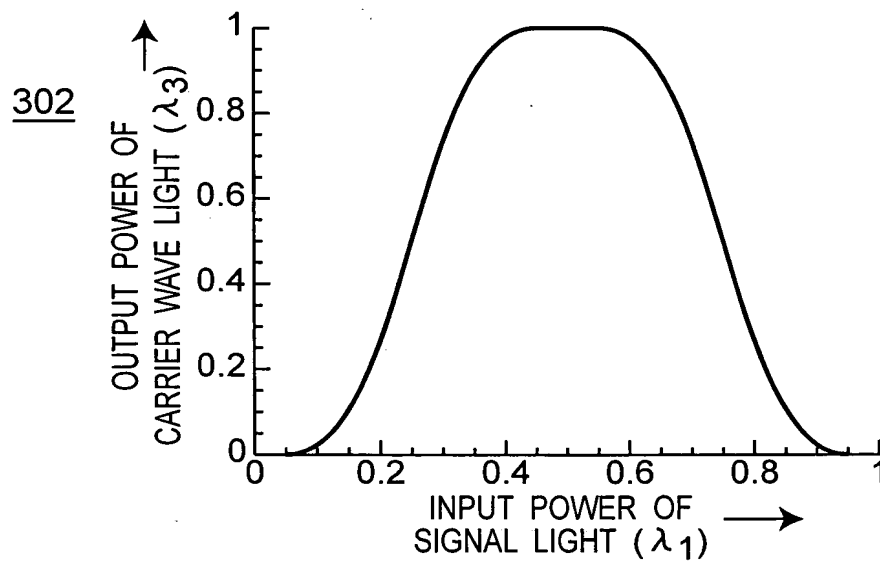
Fig. 12*Fig. 13*

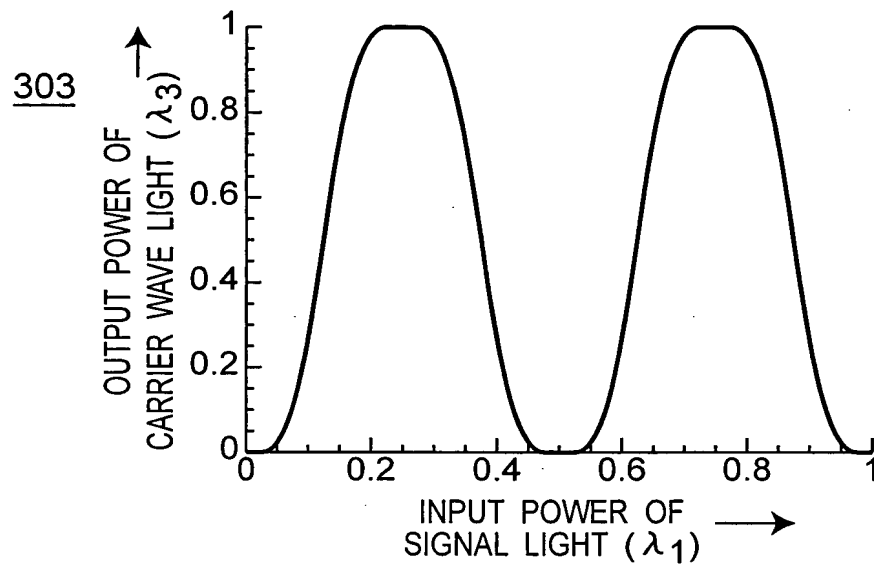
Fig. 14

Fig. 15

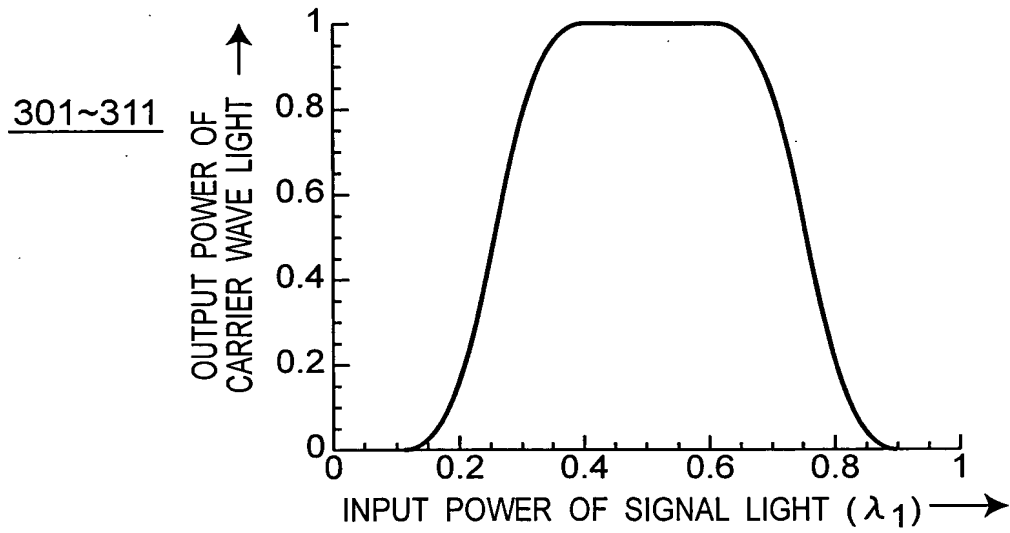
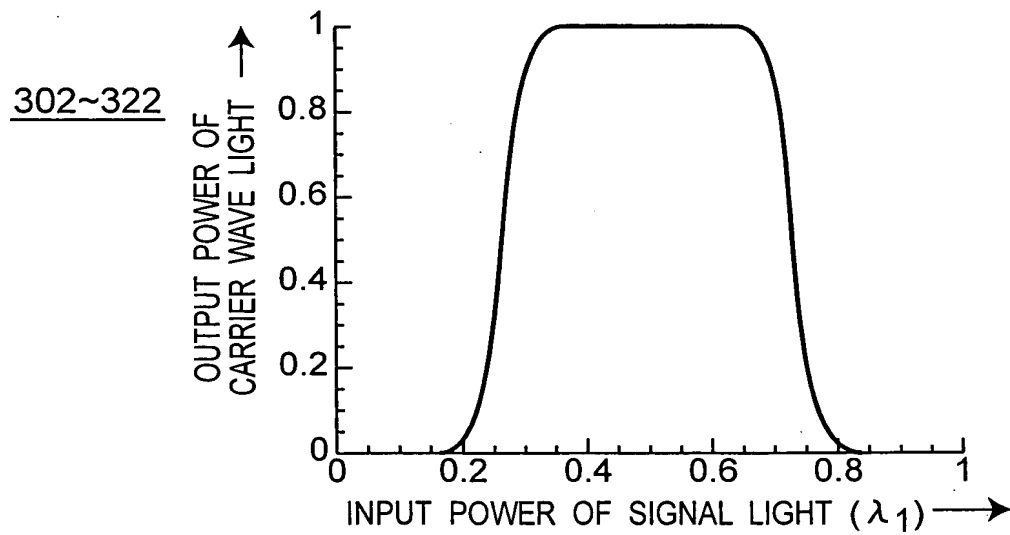
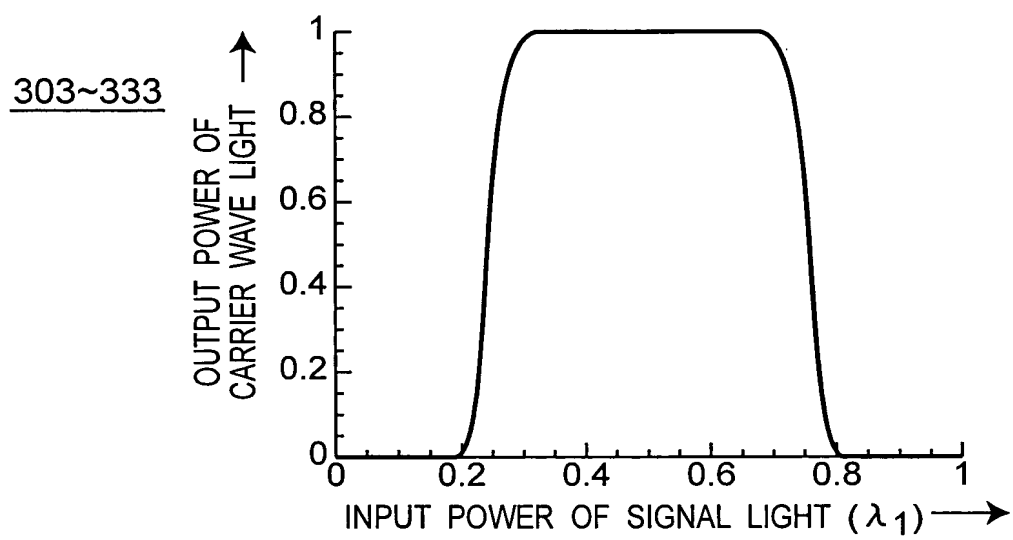
Fig. 16*Fig. 17*

Fig.18

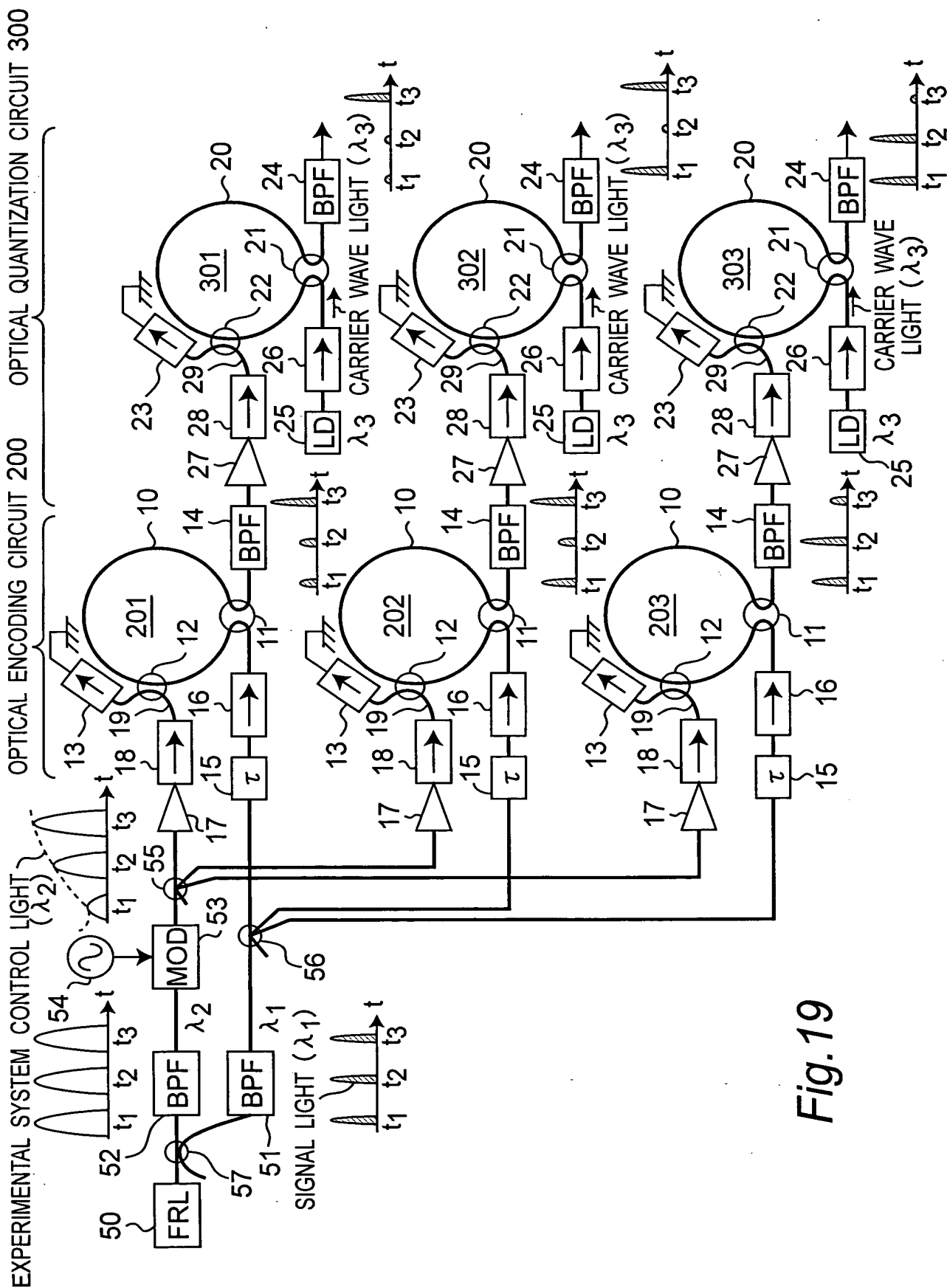


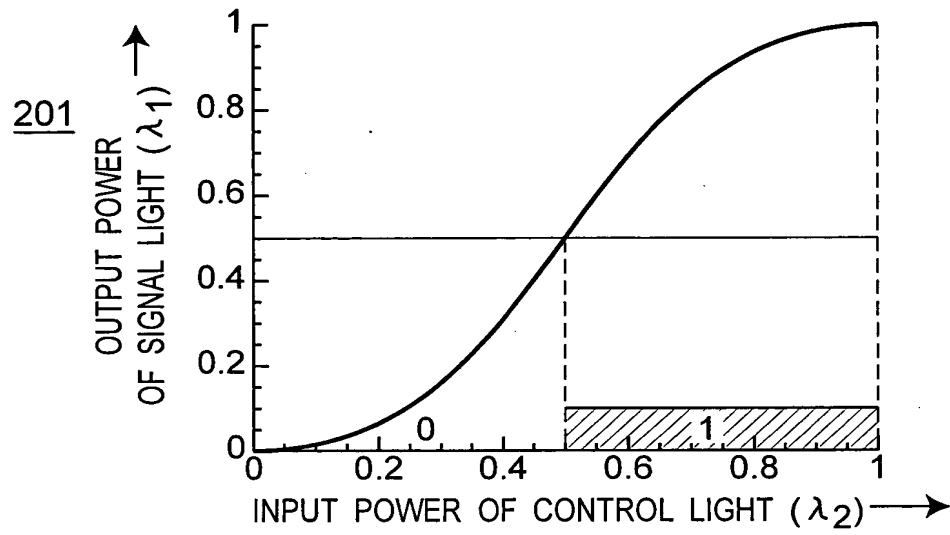
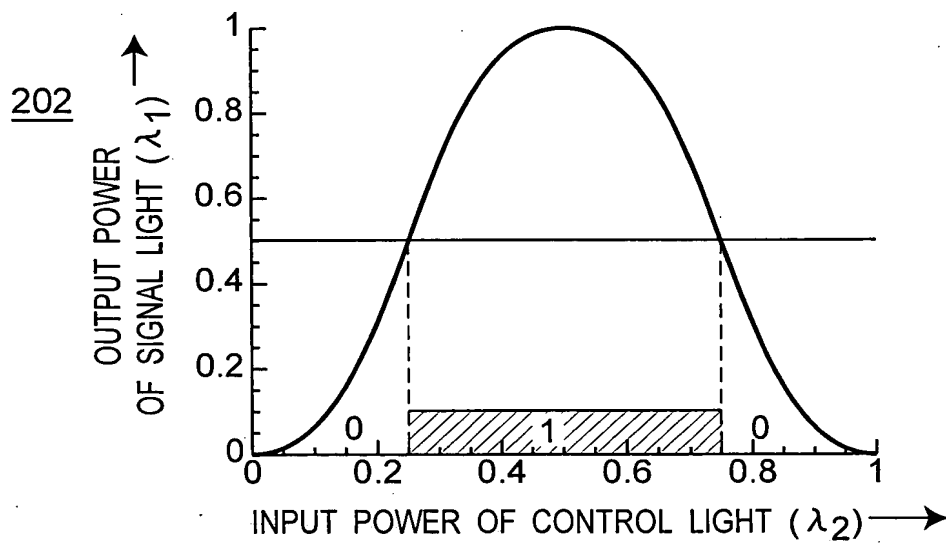
Fig.20*Fig.21*

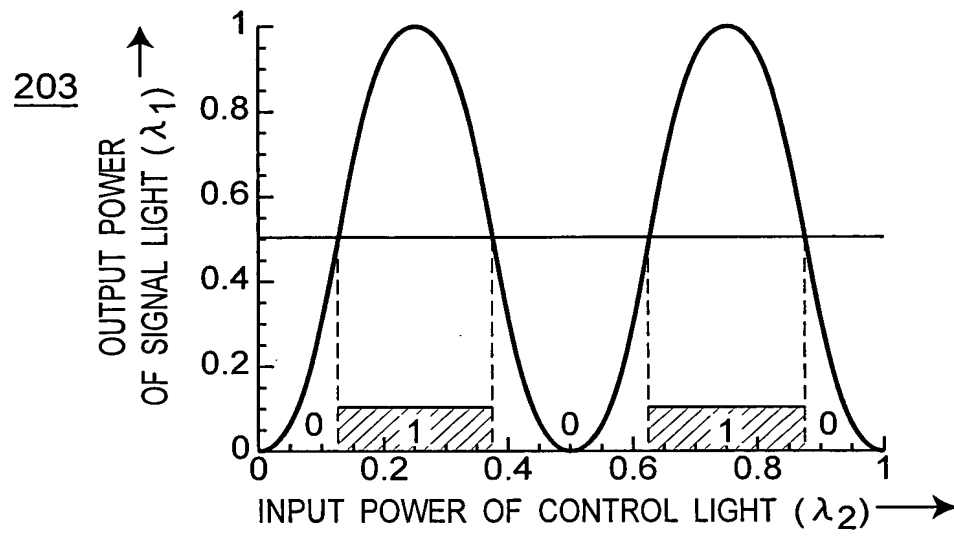
Fig.22

Fig. 23

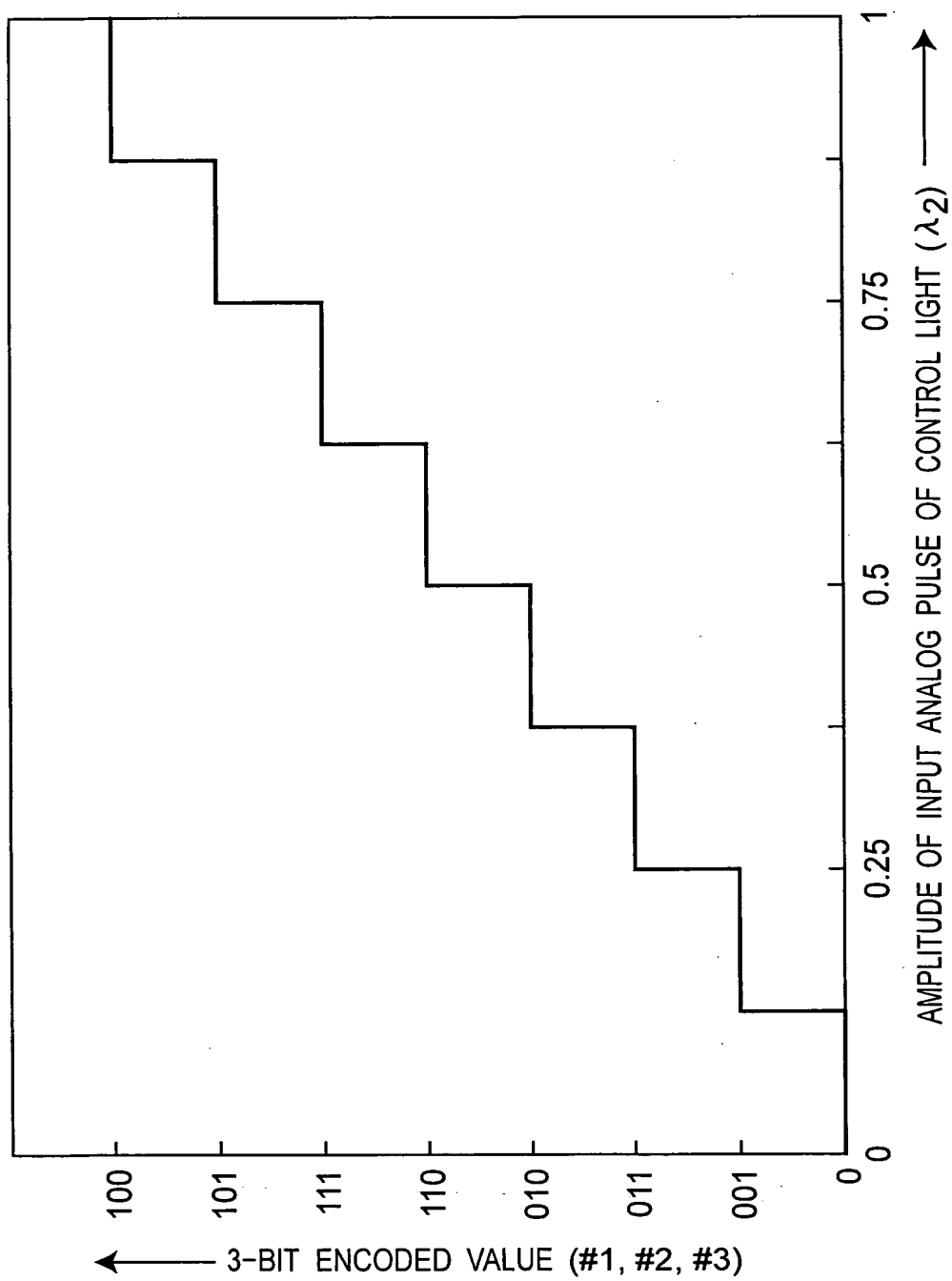


Fig.24

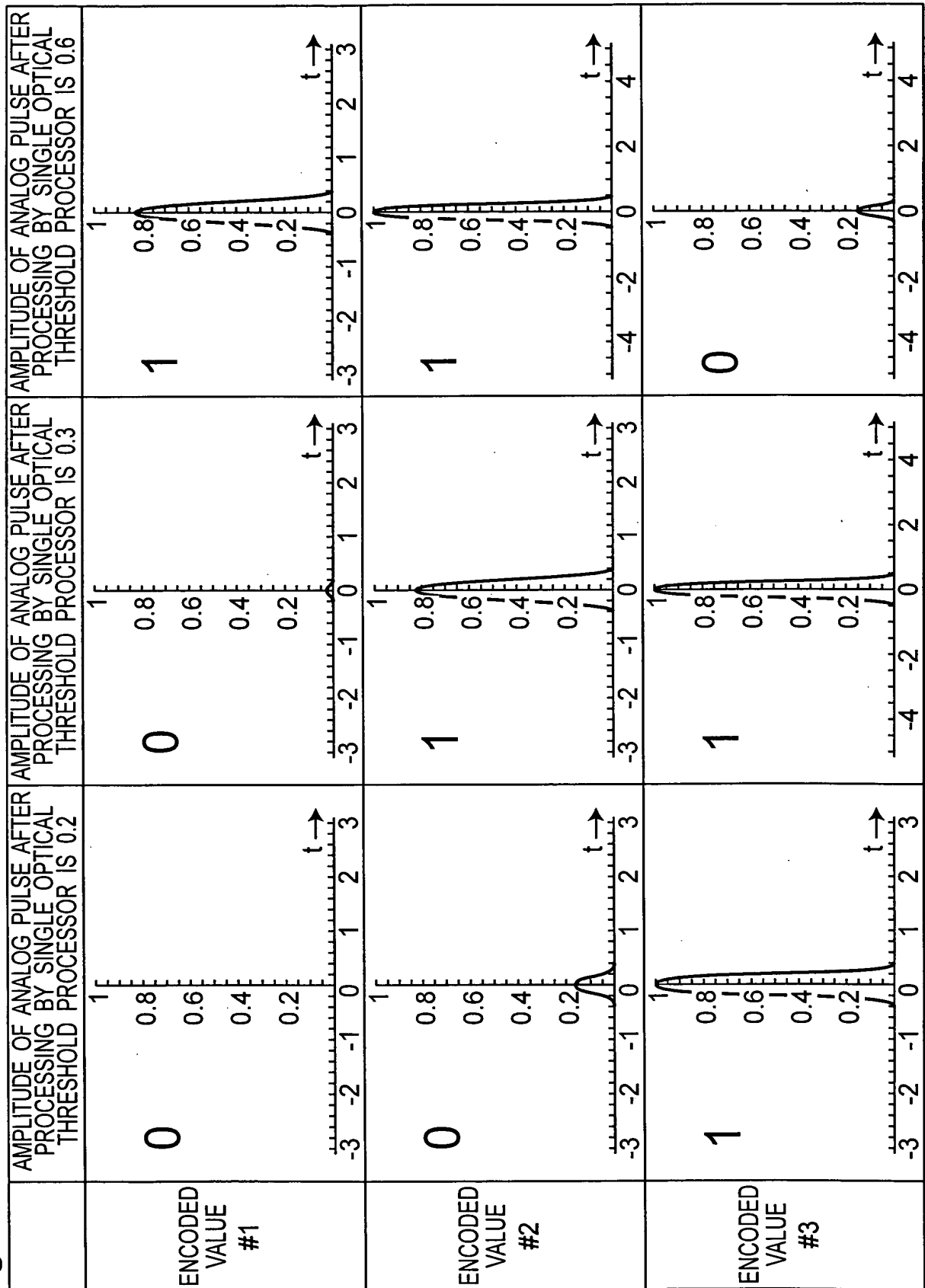


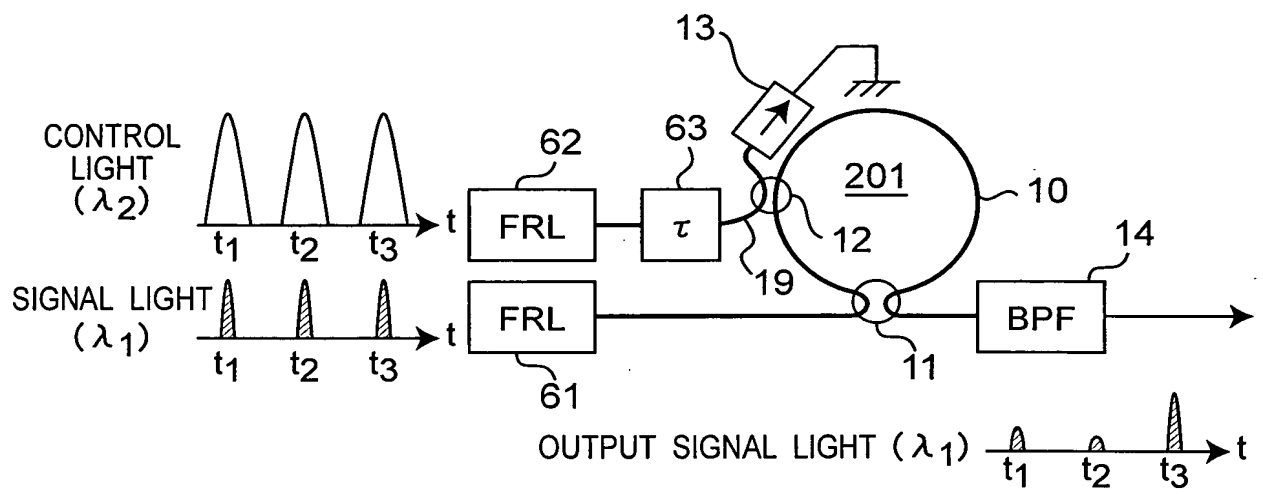
Fig.25

Fig.26

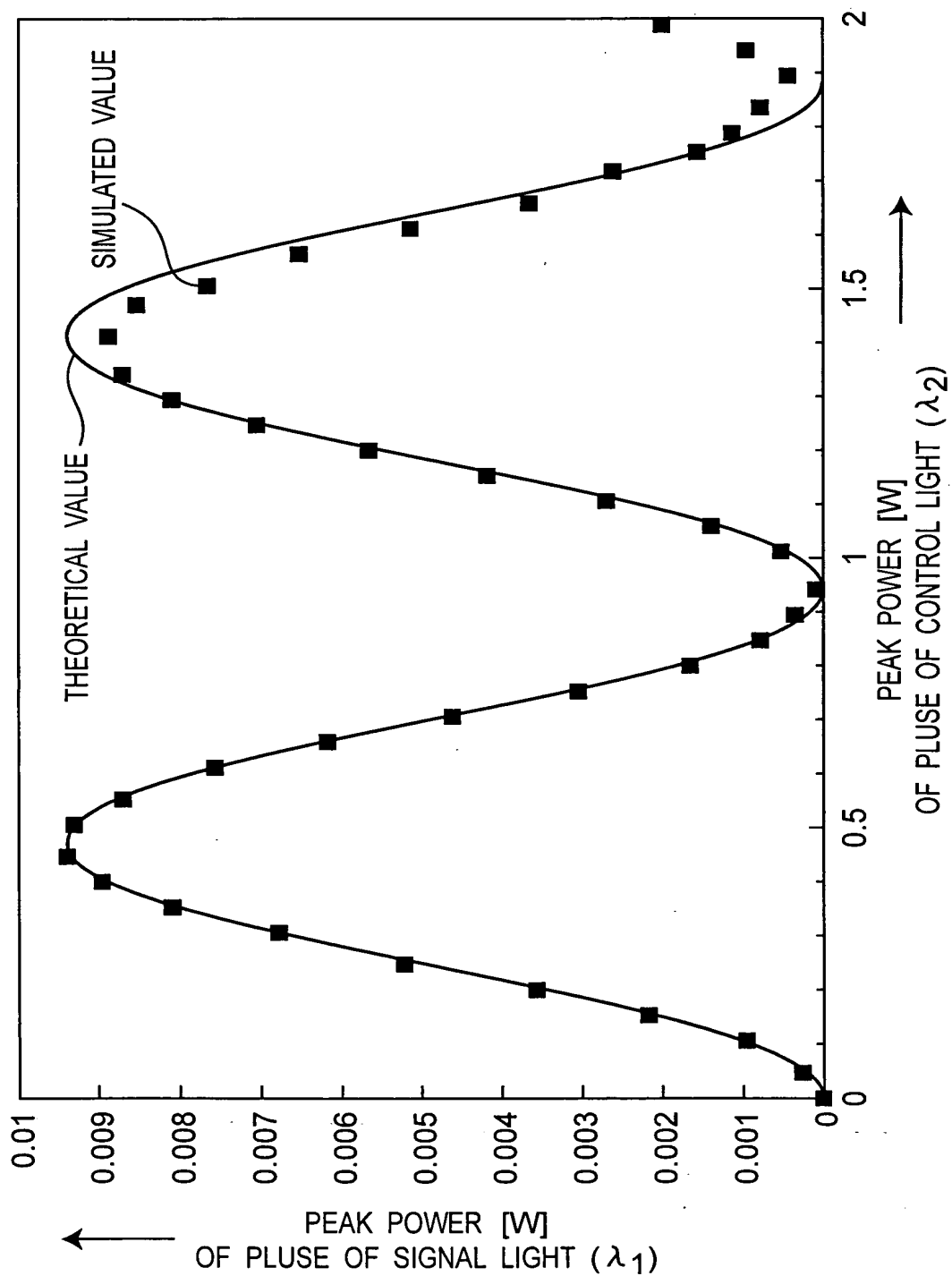


Fig. 27

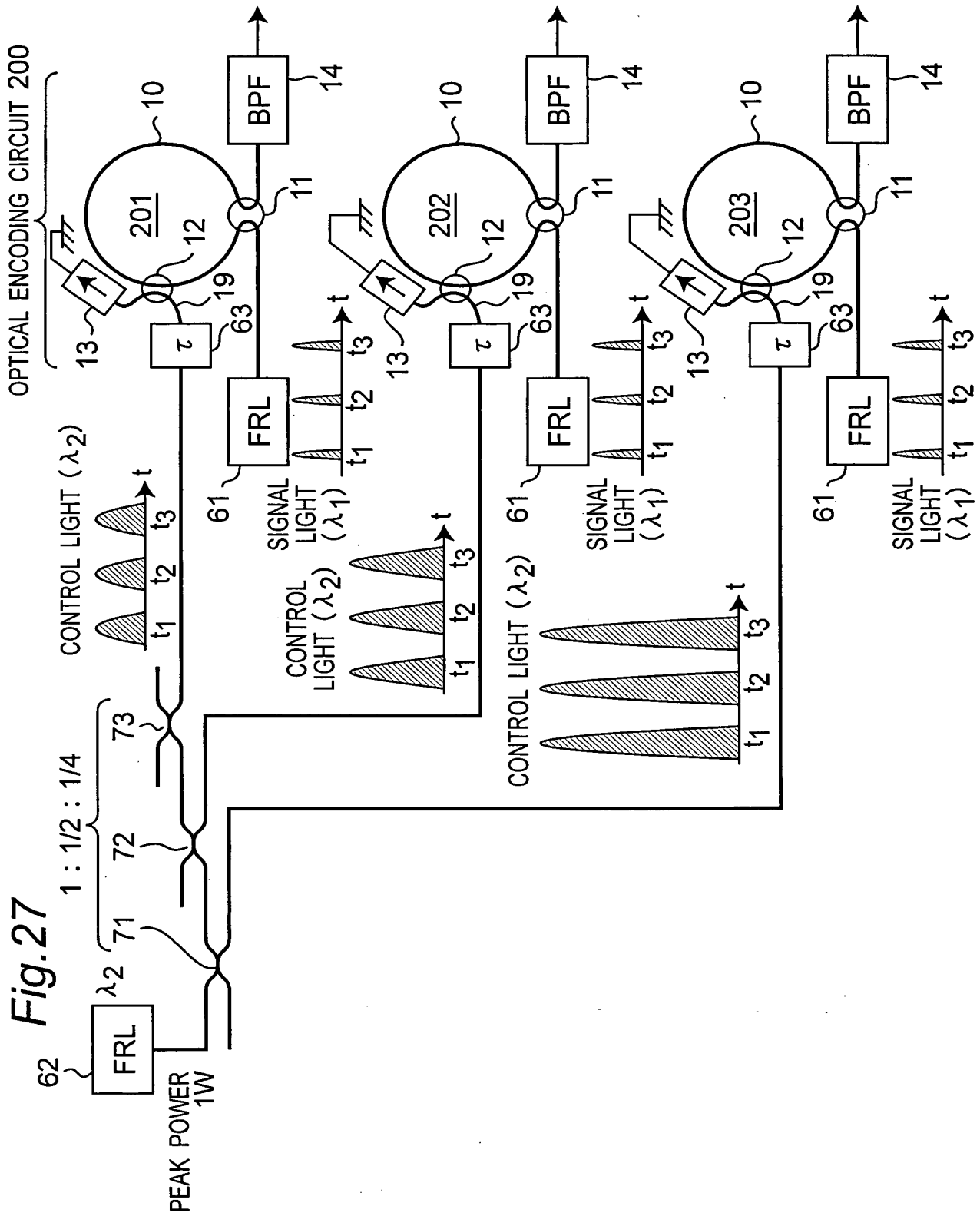


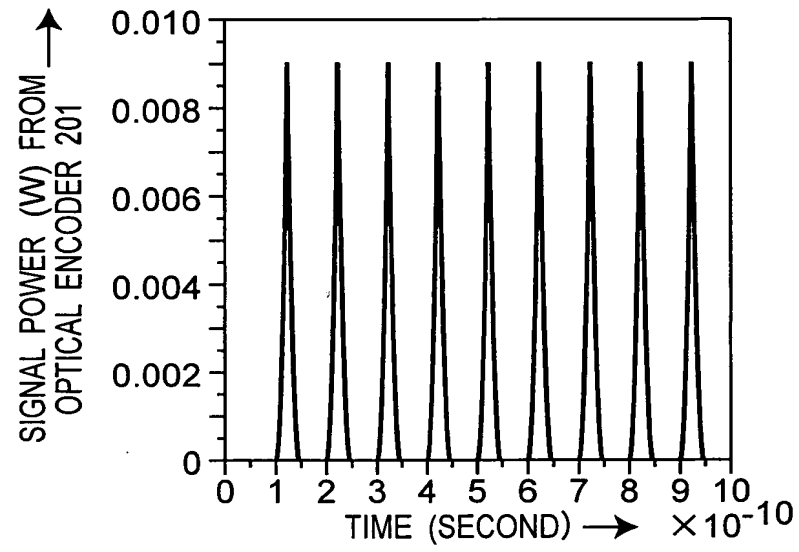
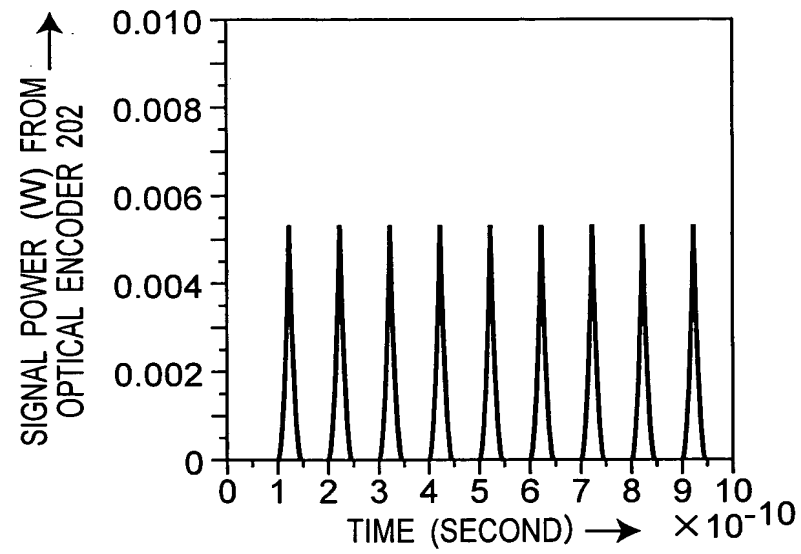
Fig.28*Fig.29*

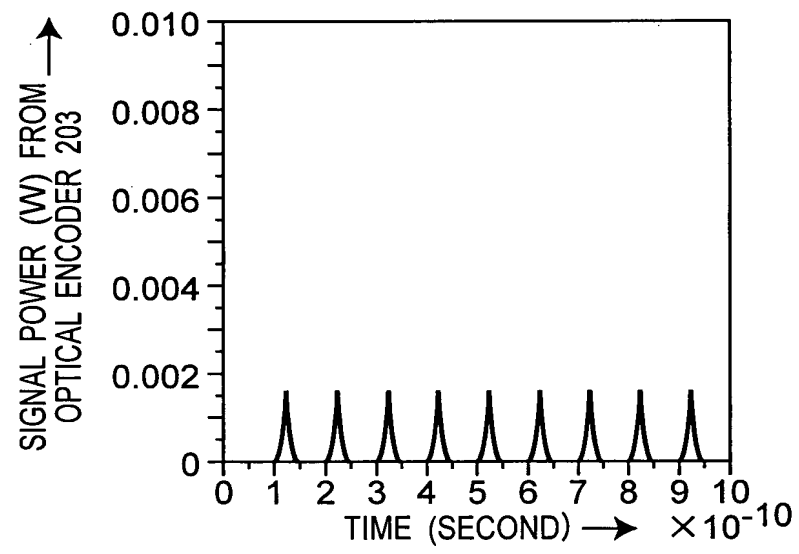
Fig.30

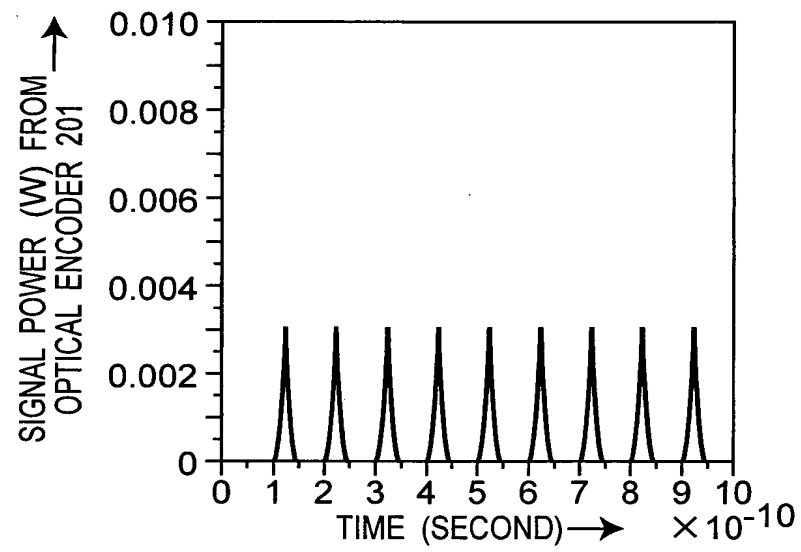
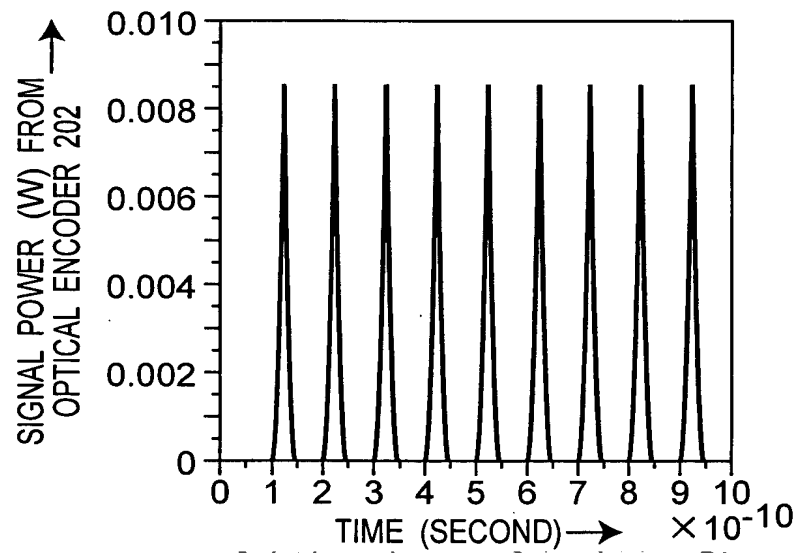
Fig.32*Fig.33*

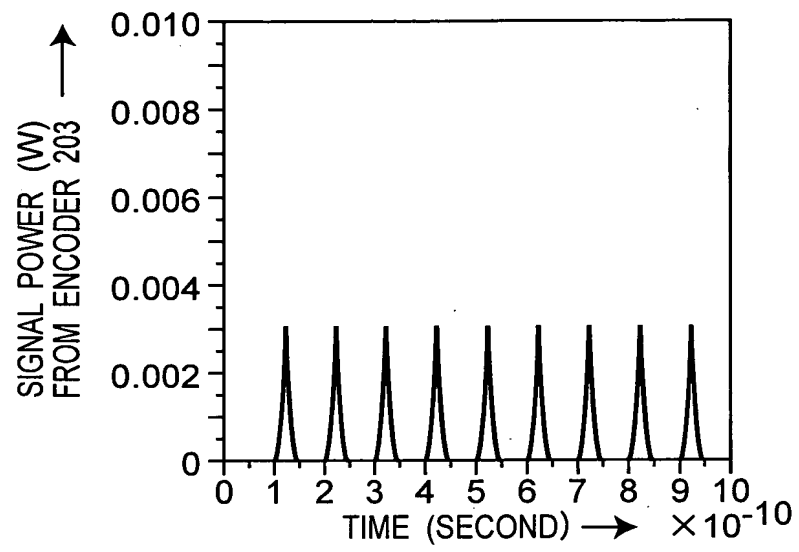
Fig.34

Fig. 35

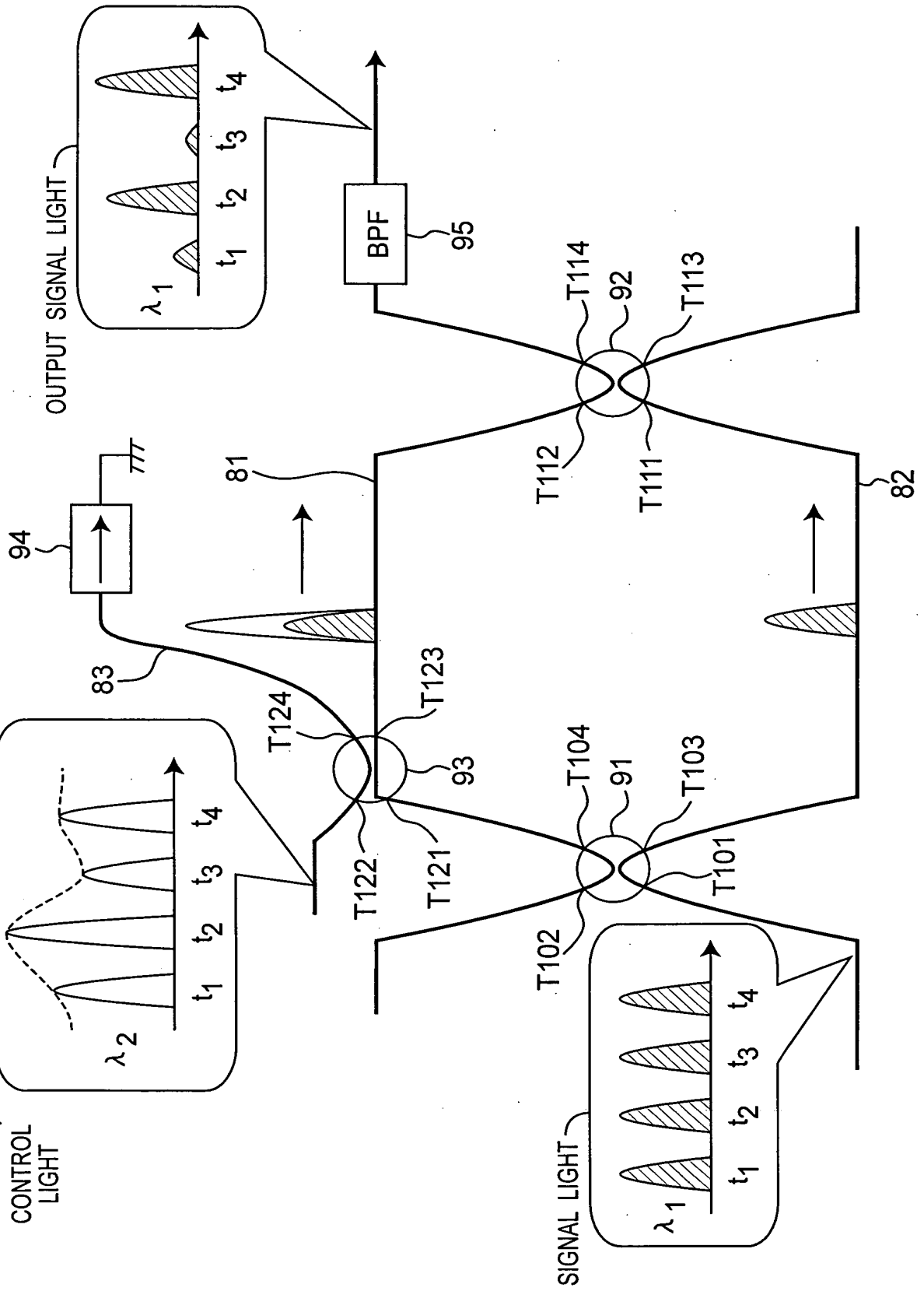


Fig.36

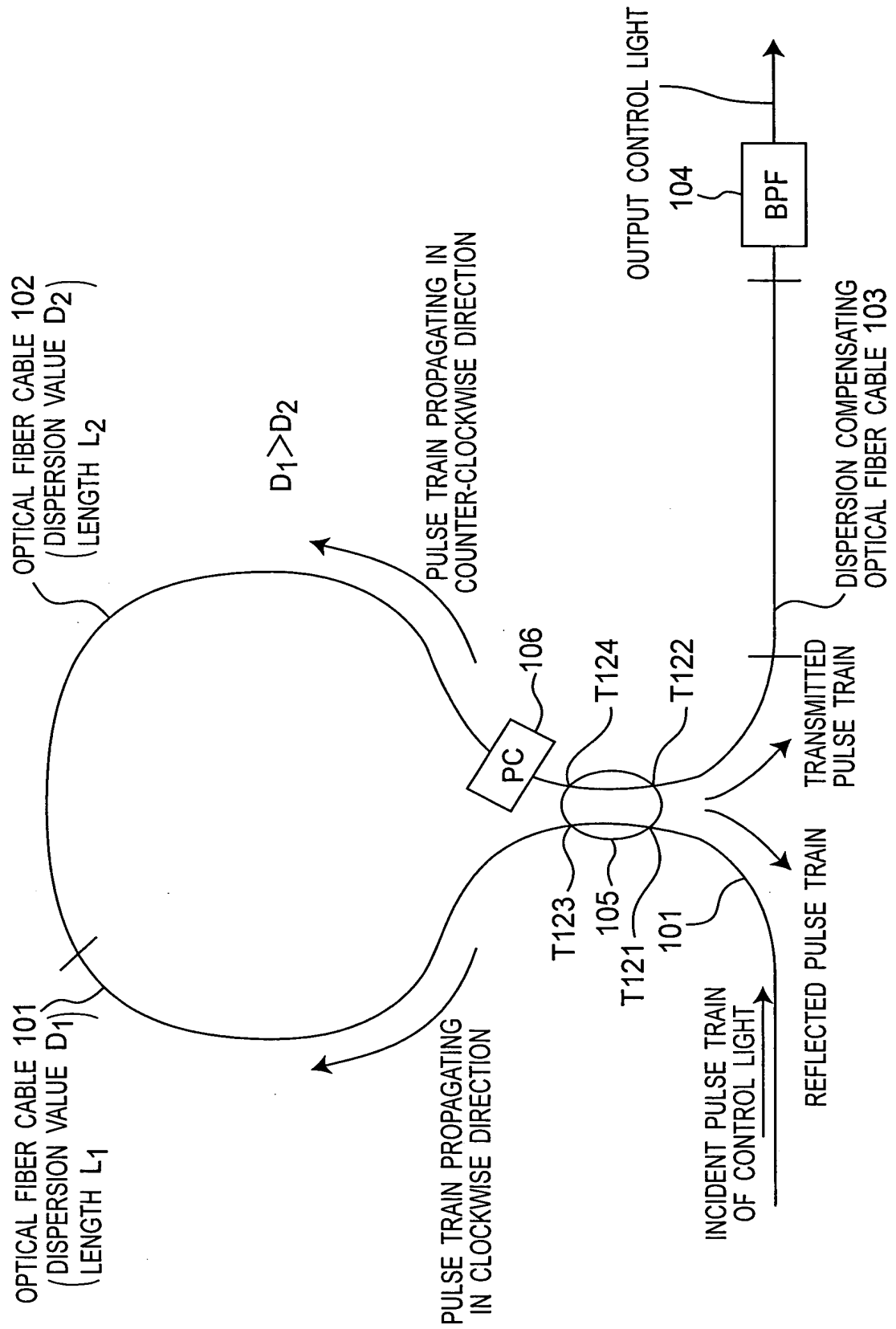


Fig.37

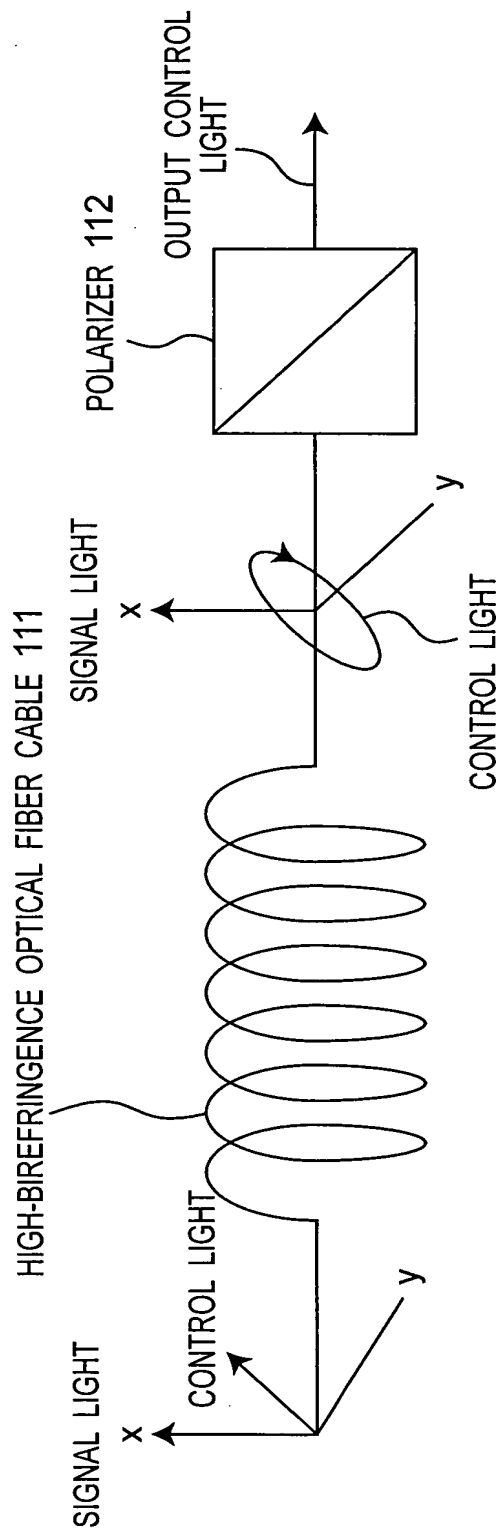
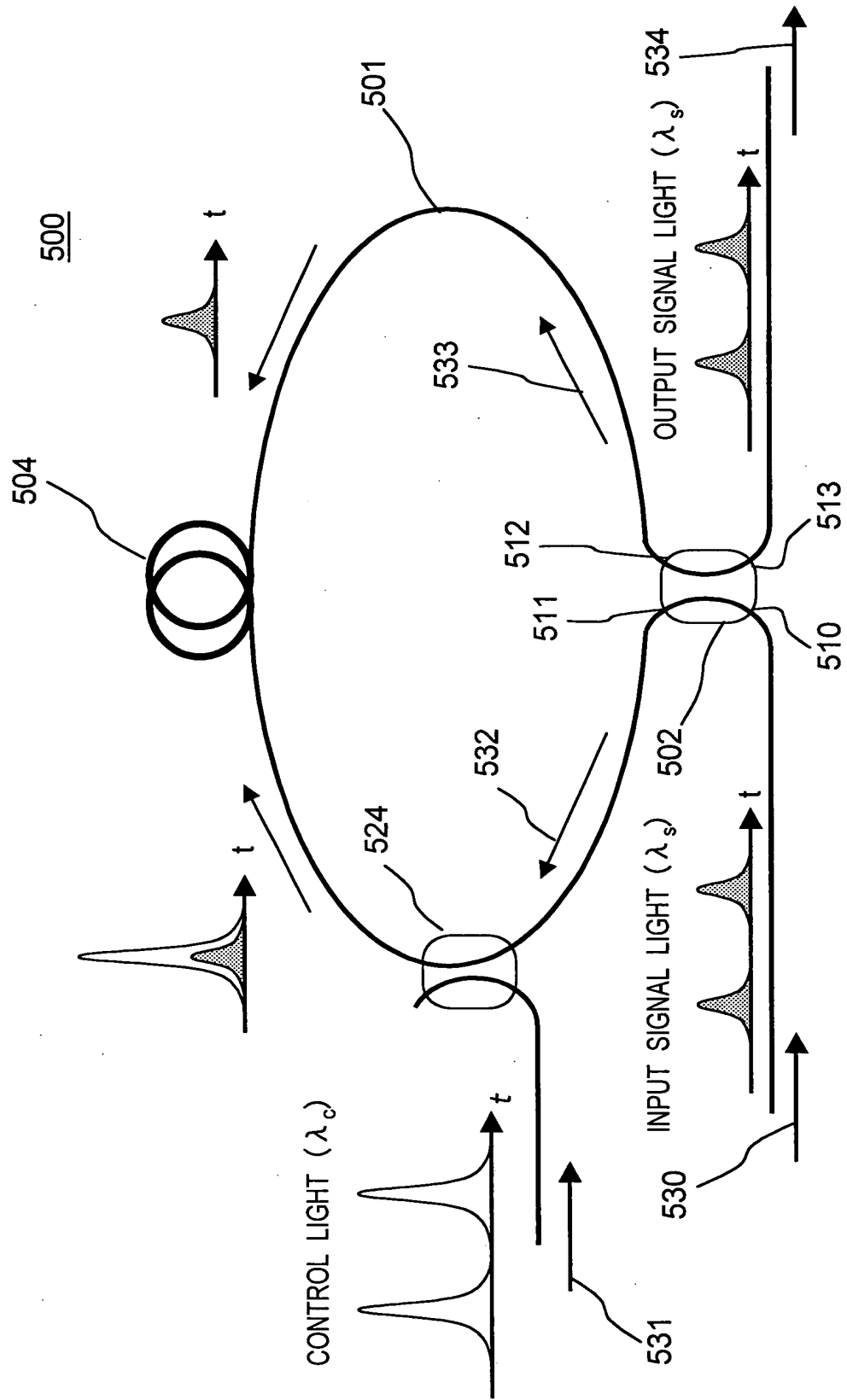
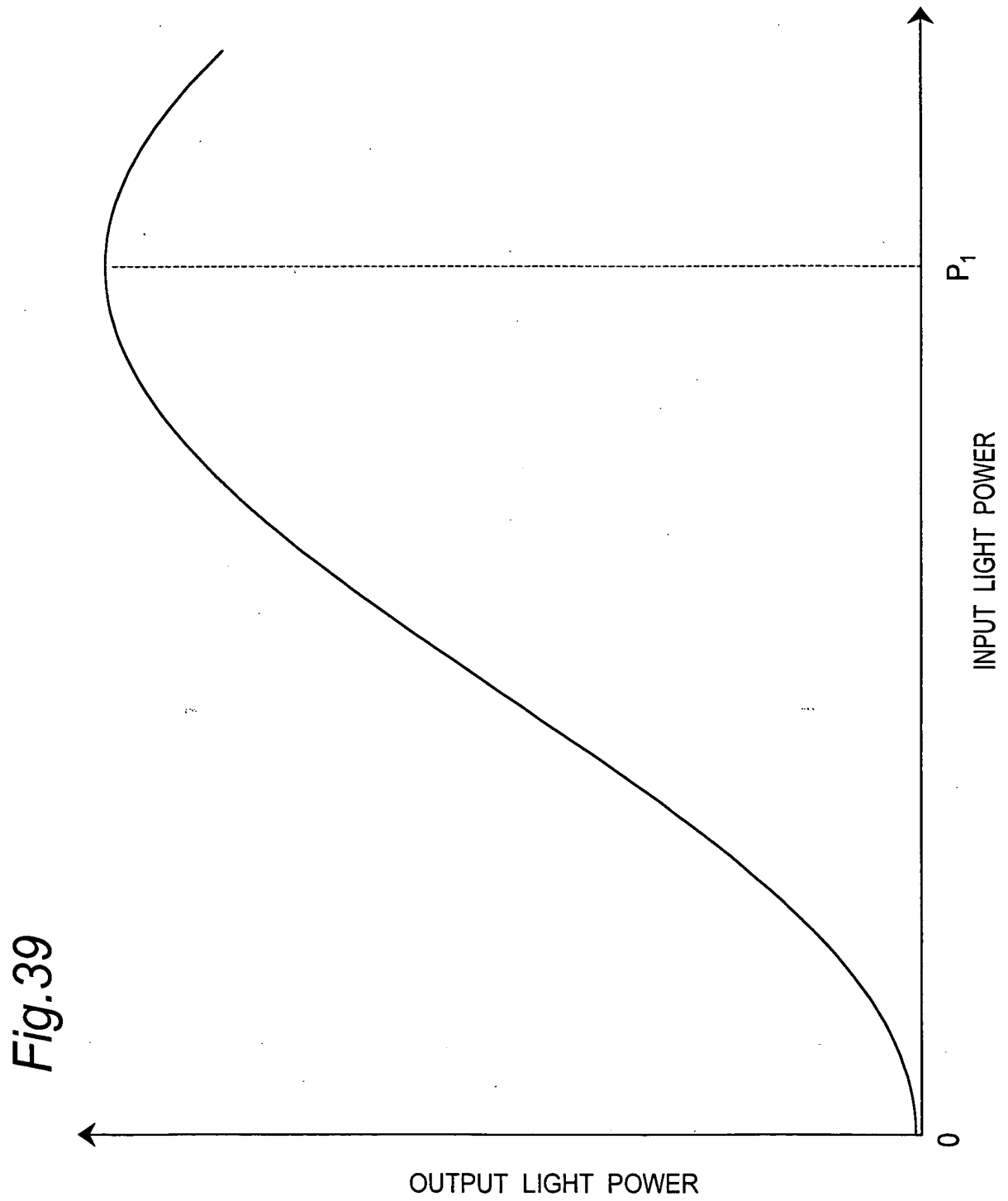
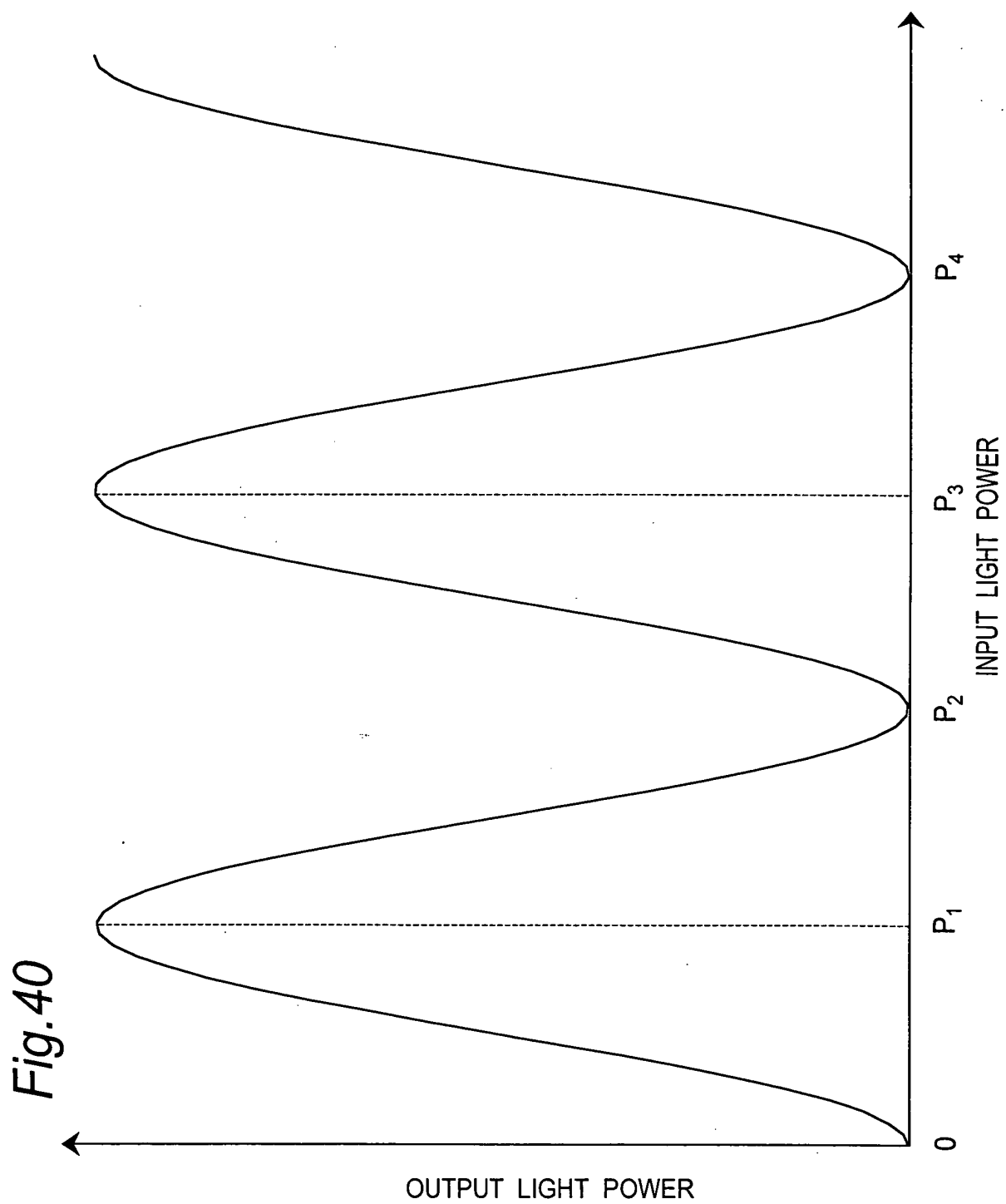


Fig.38







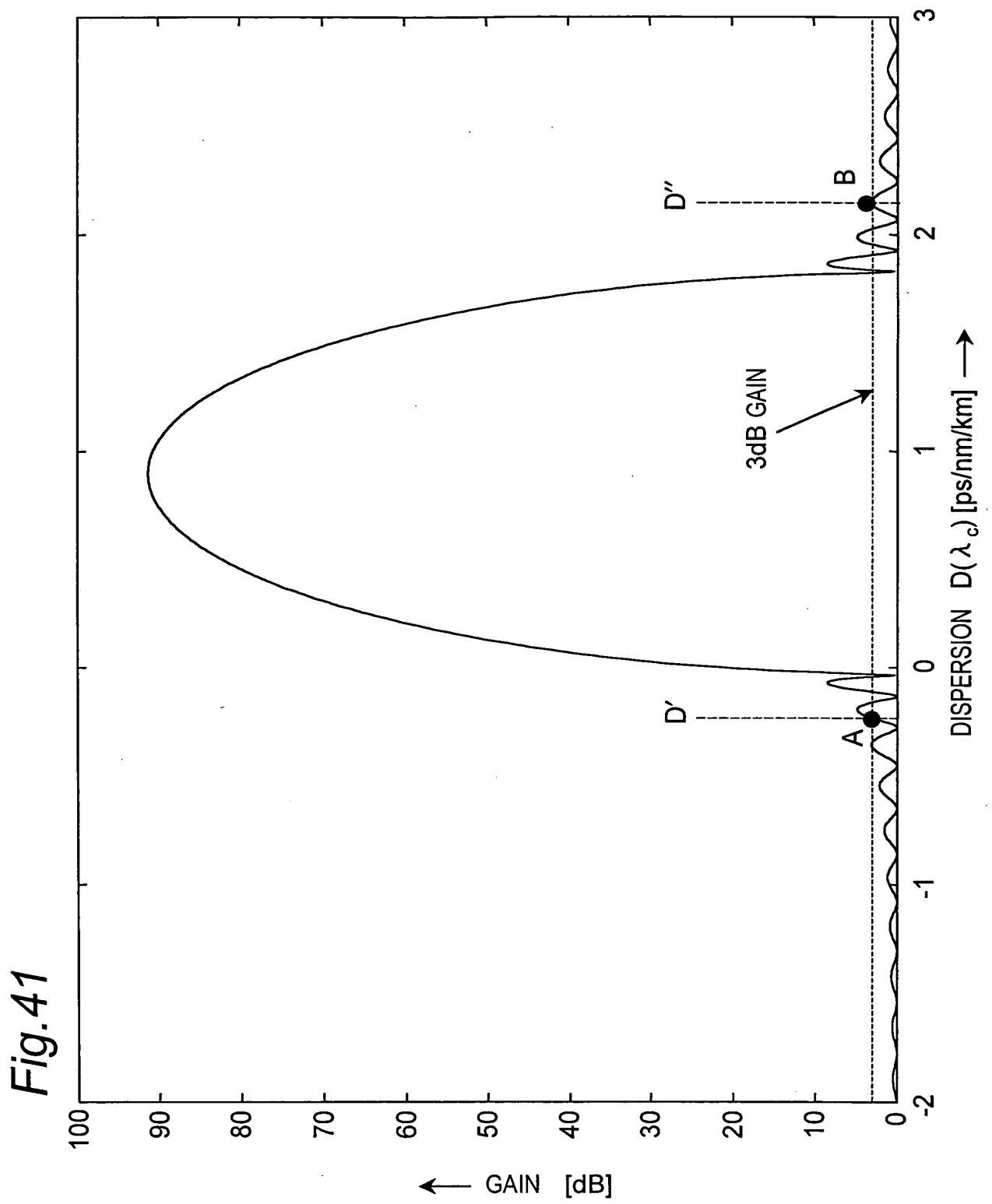


Fig.42

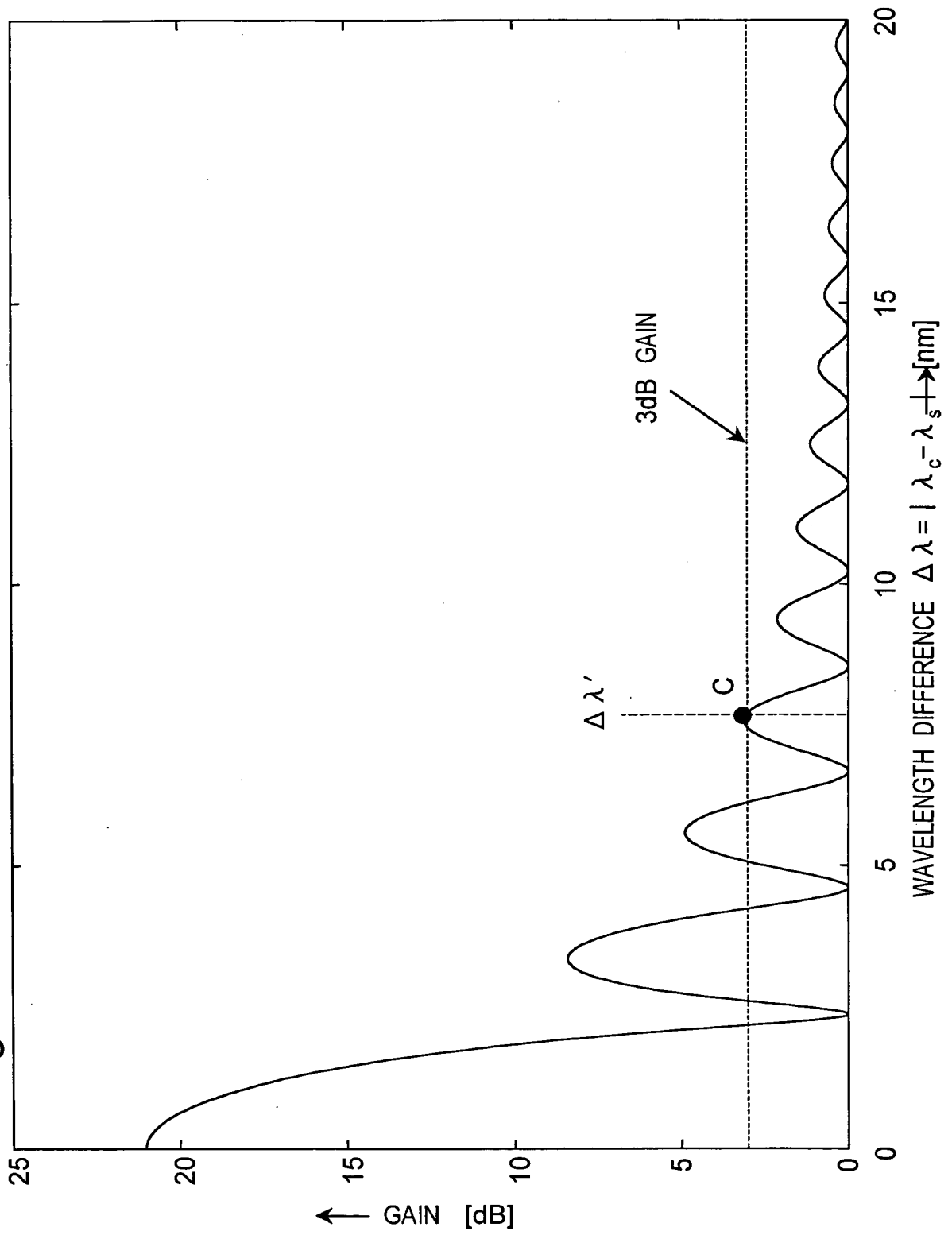


Fig. 43

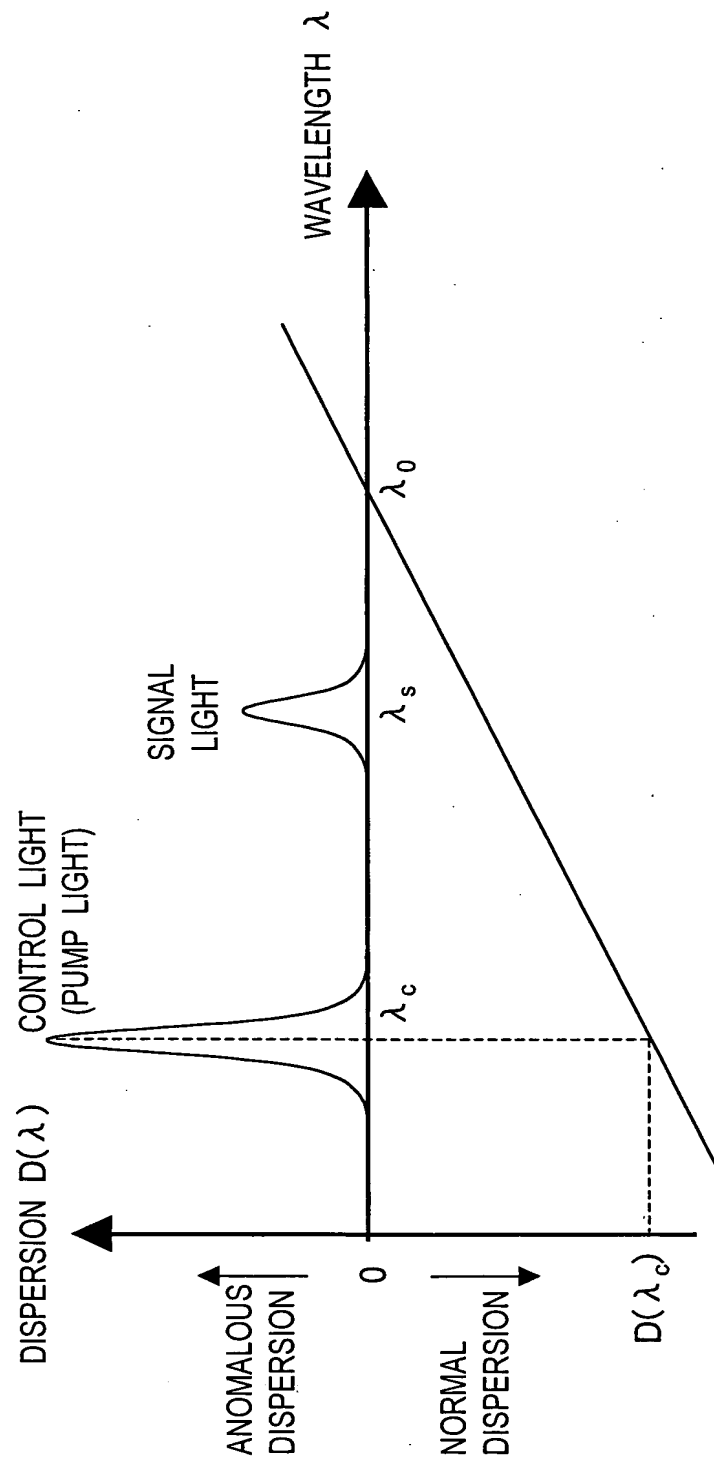


Fig.44

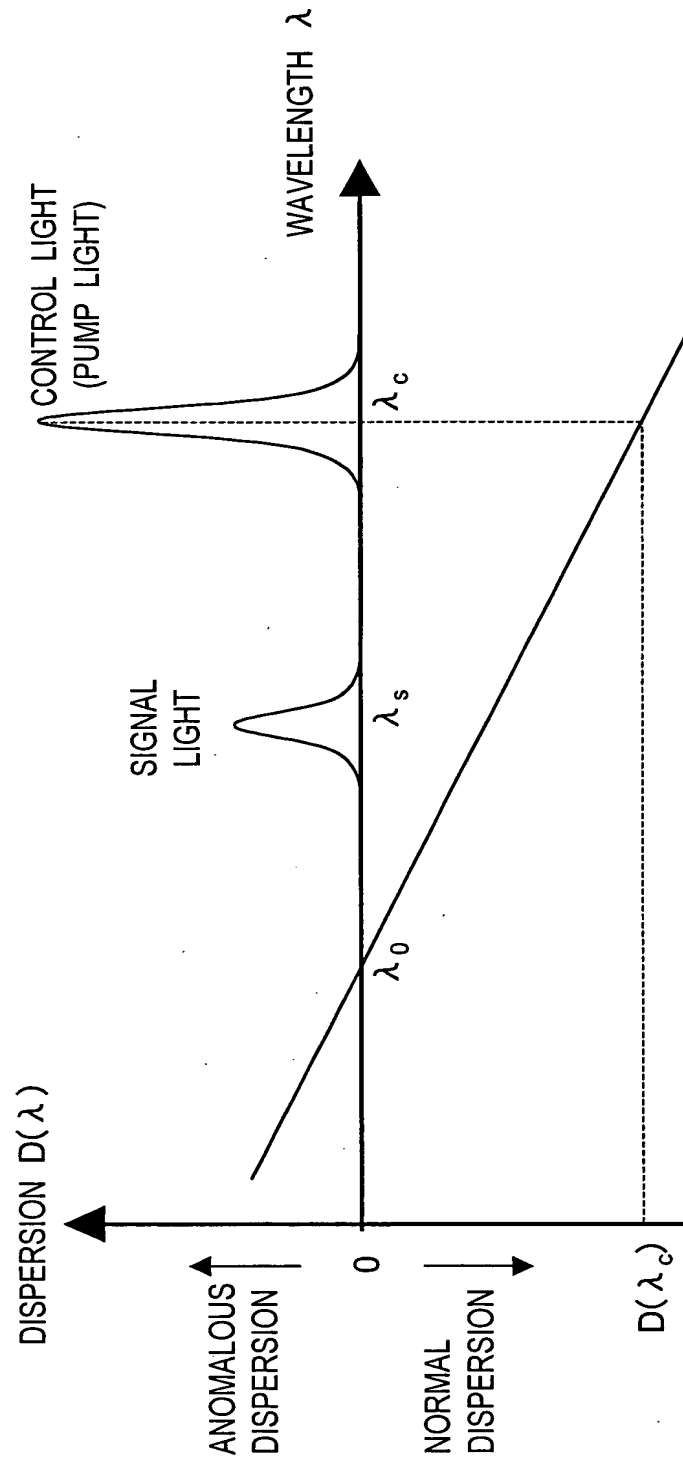


Fig.45

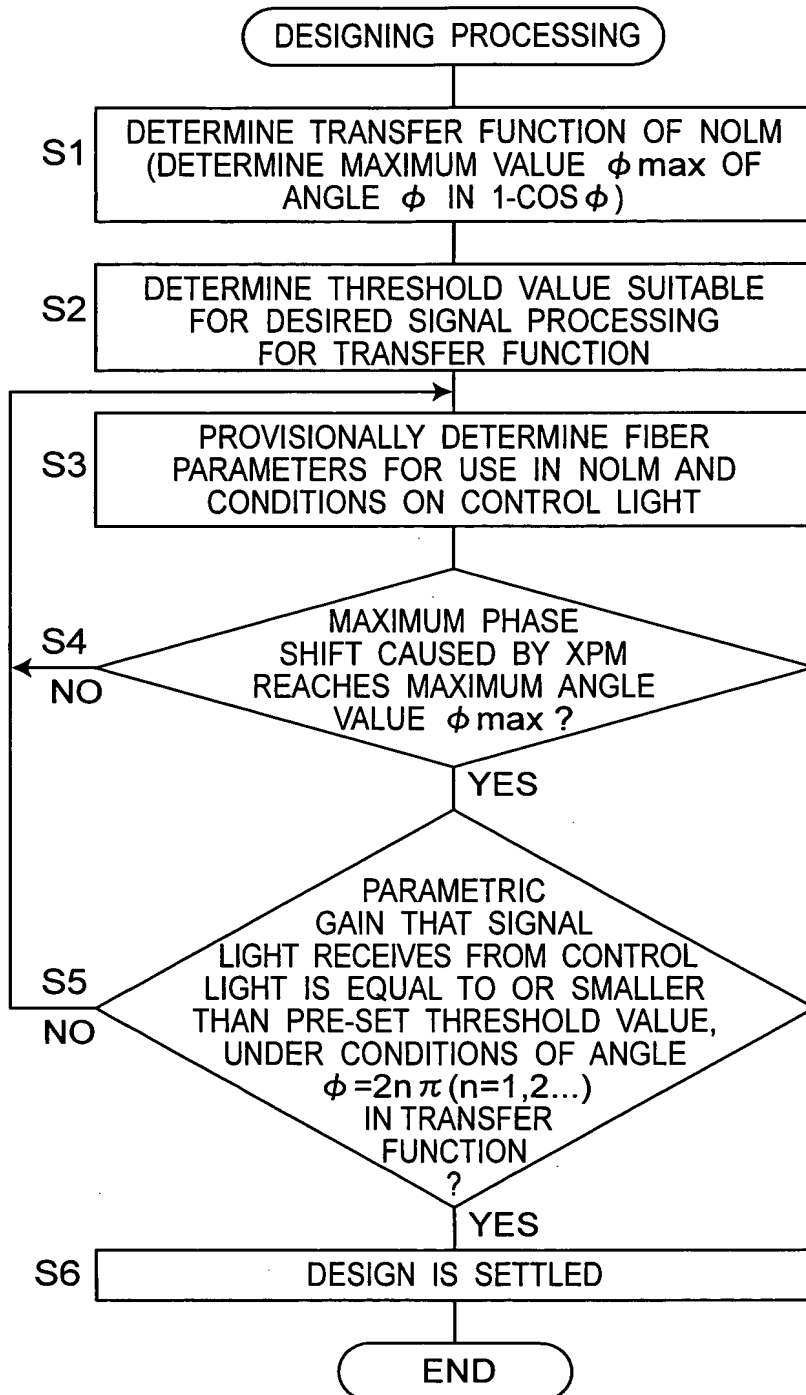


Fig. 46

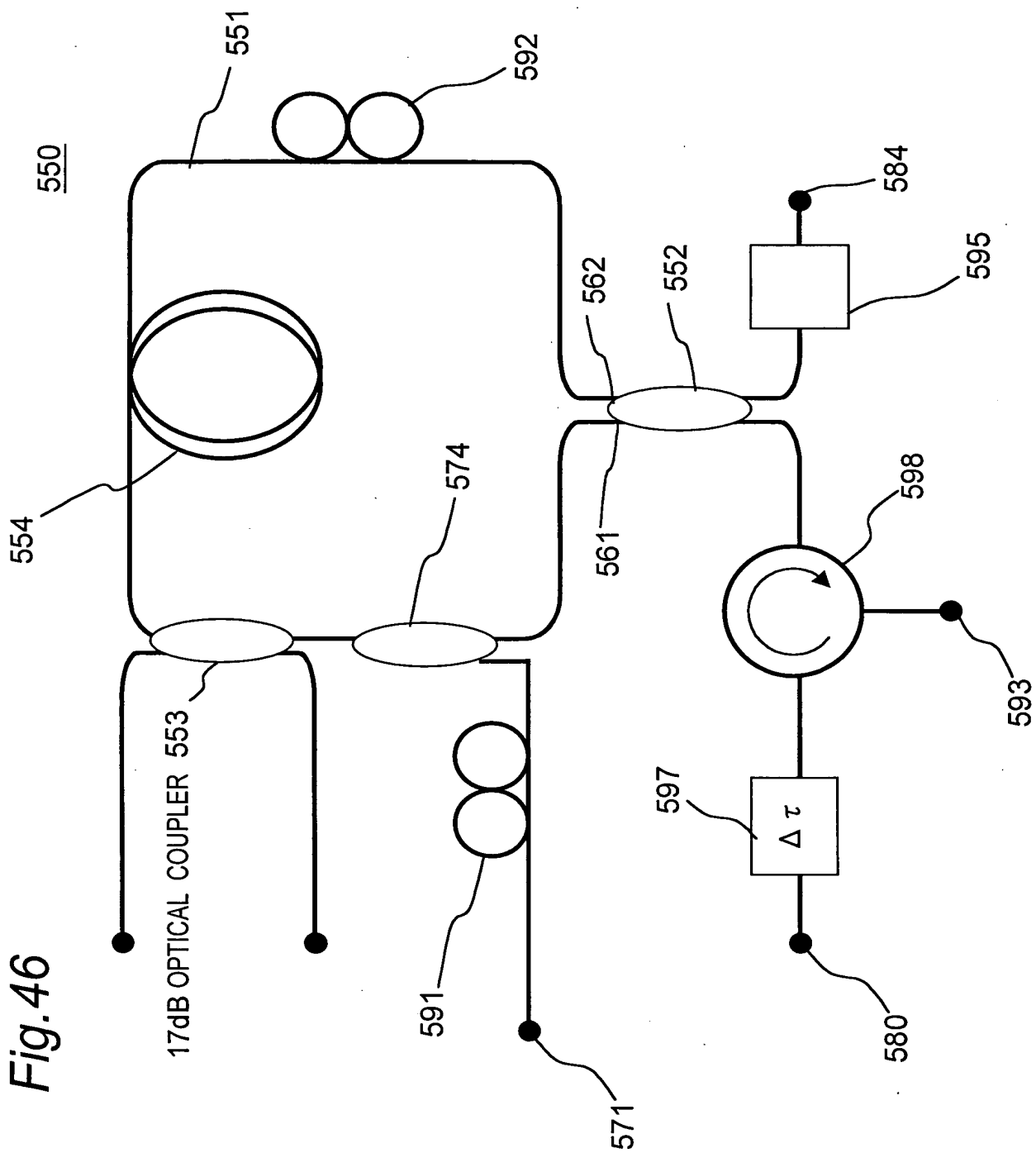
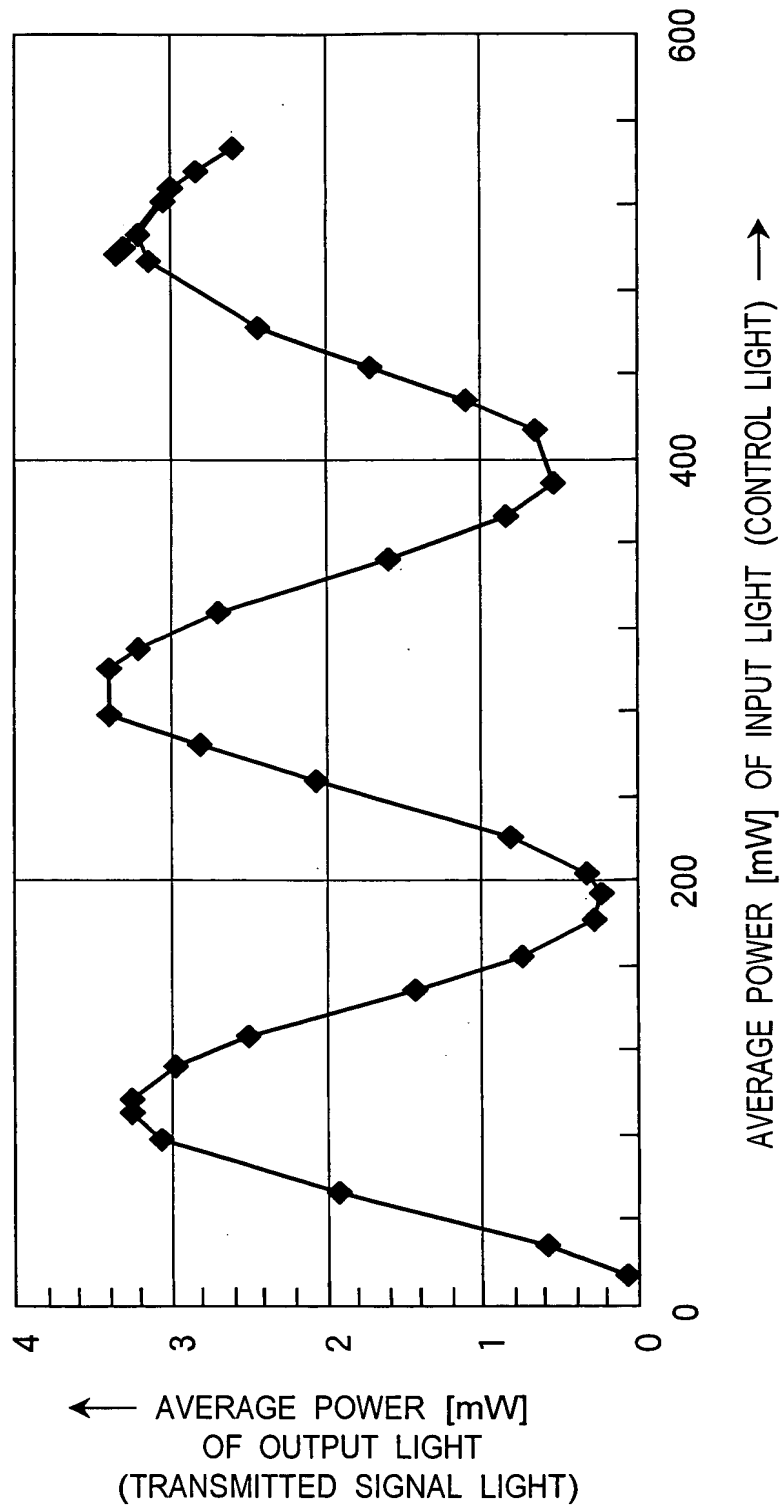


Fig.47



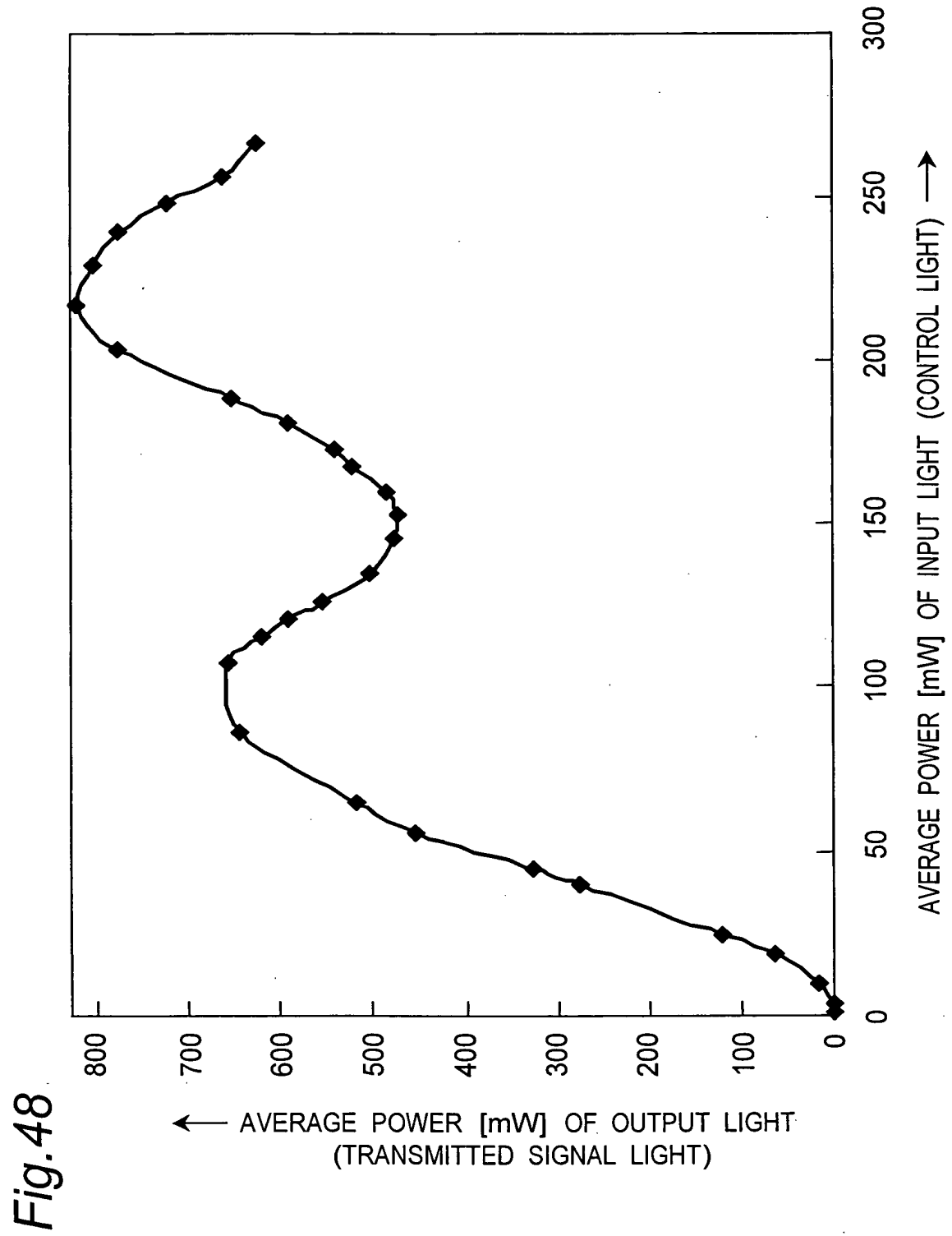


Fig. 49

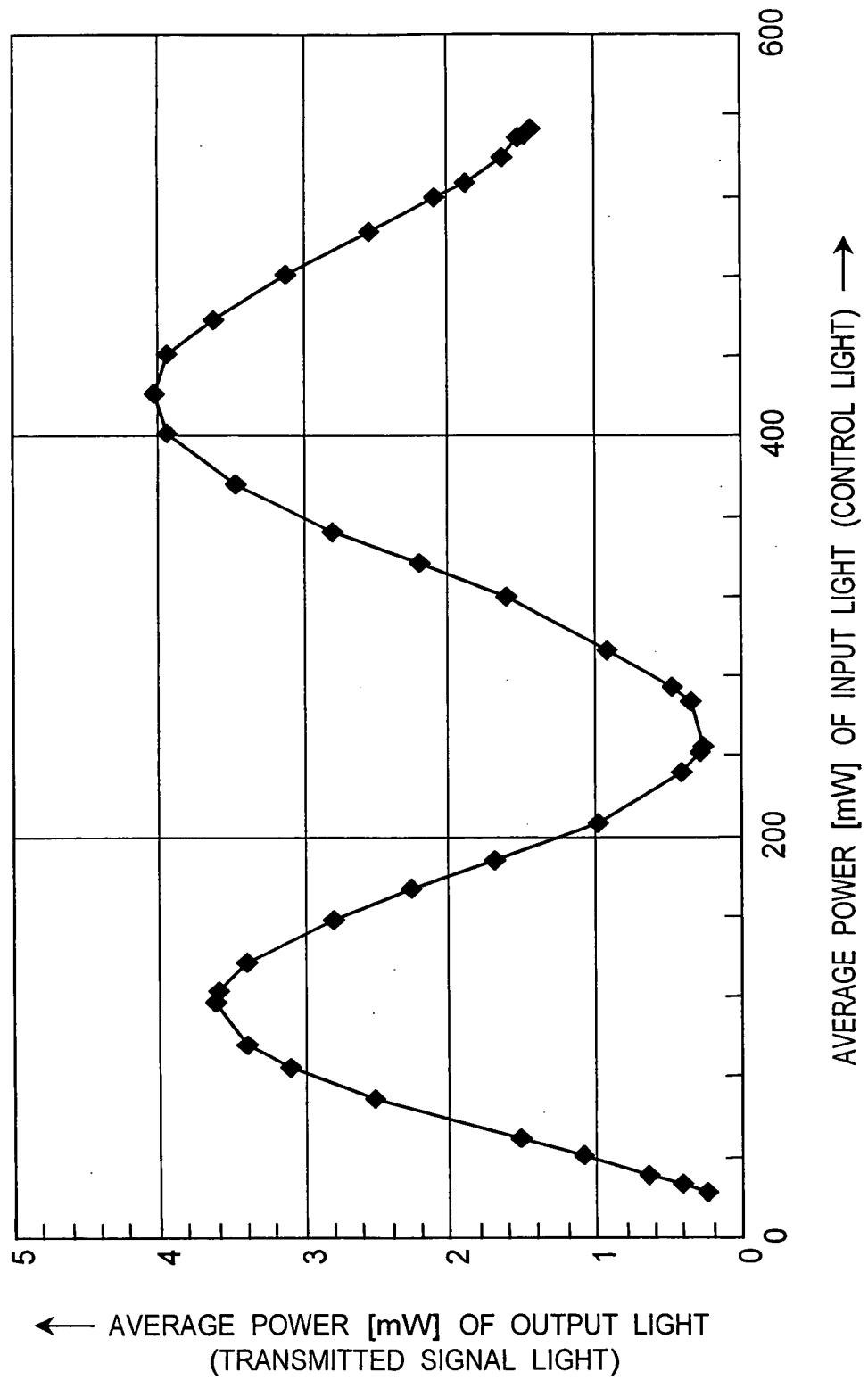


Fig. 50

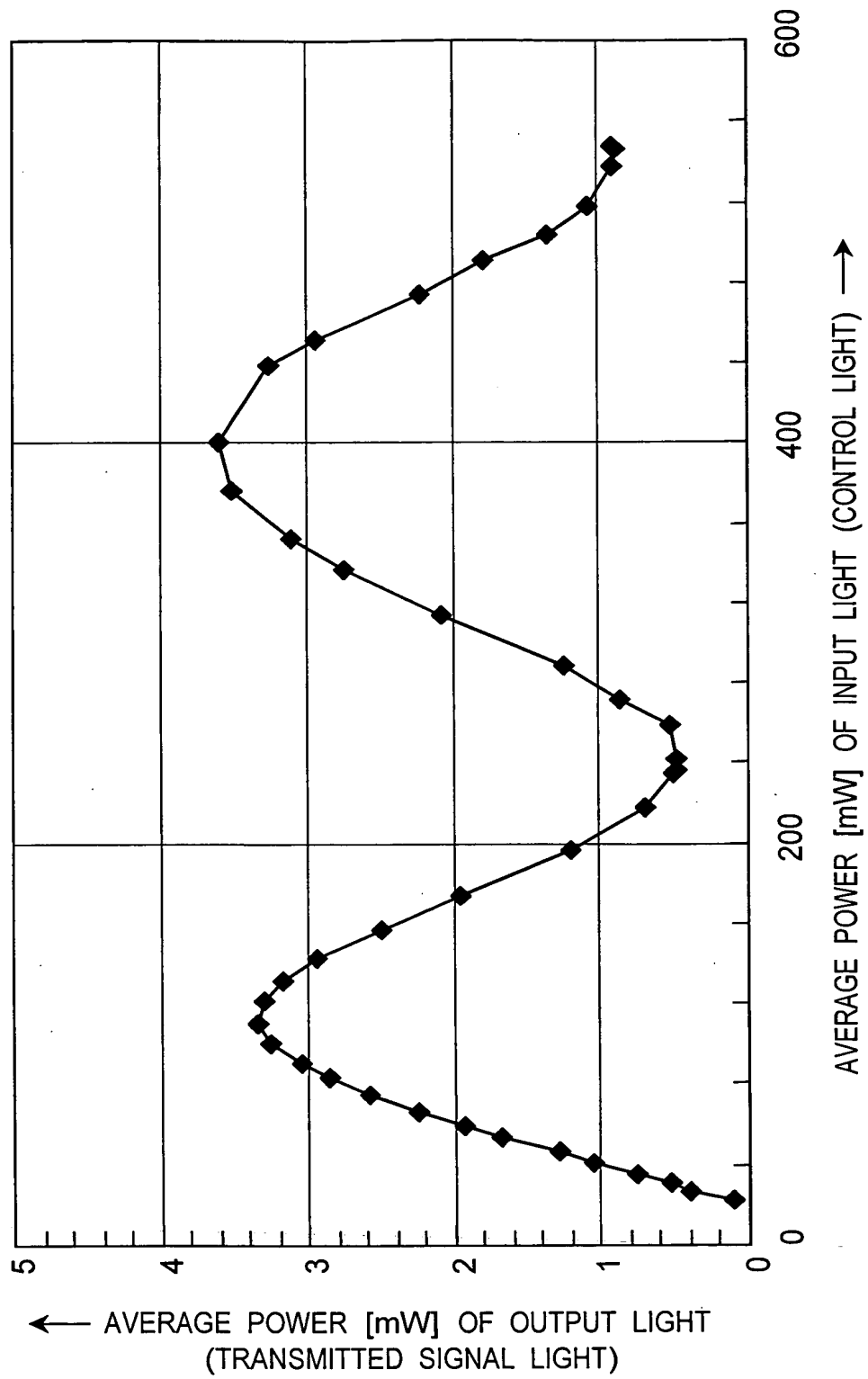


Fig. 51

MULTI-LEVEL OPTICAL SIGNAL DECODER 400

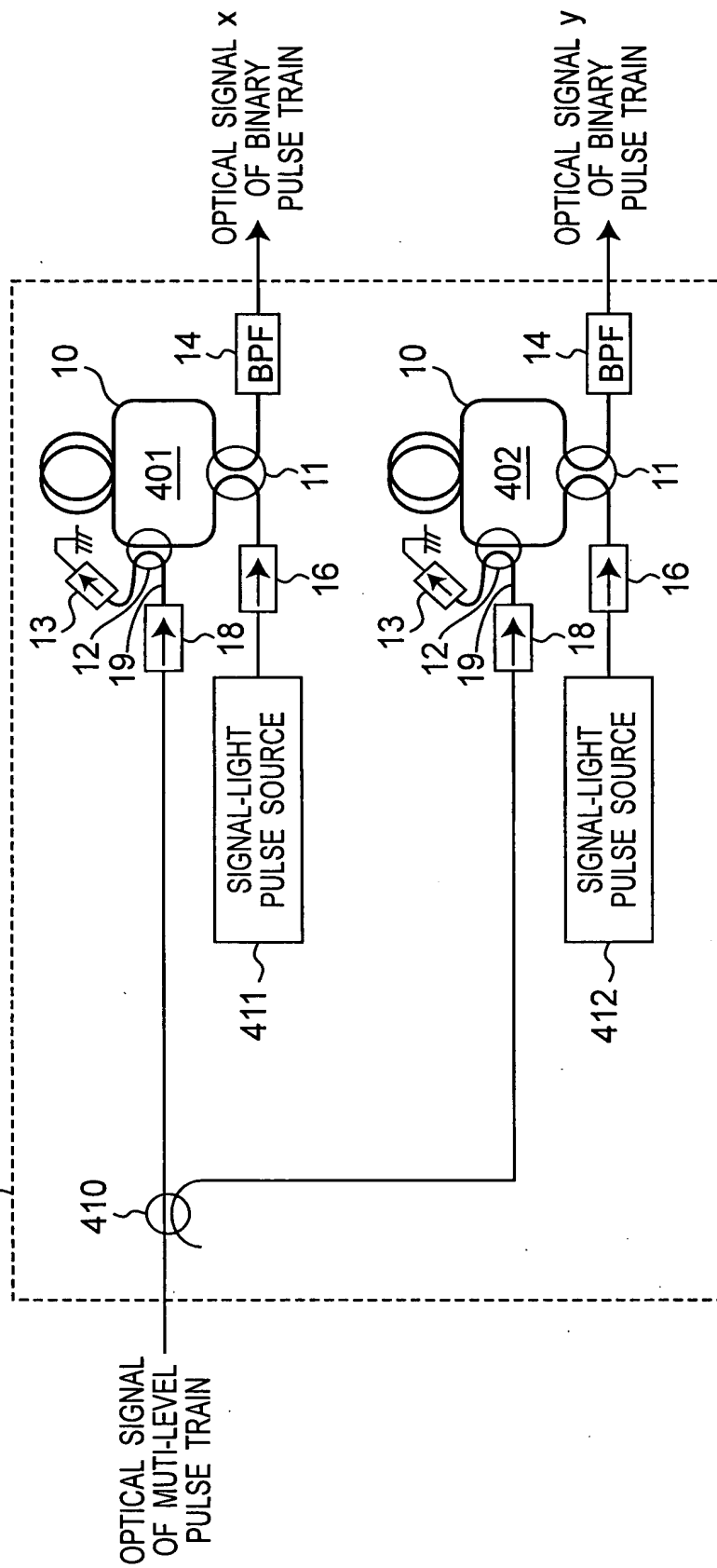


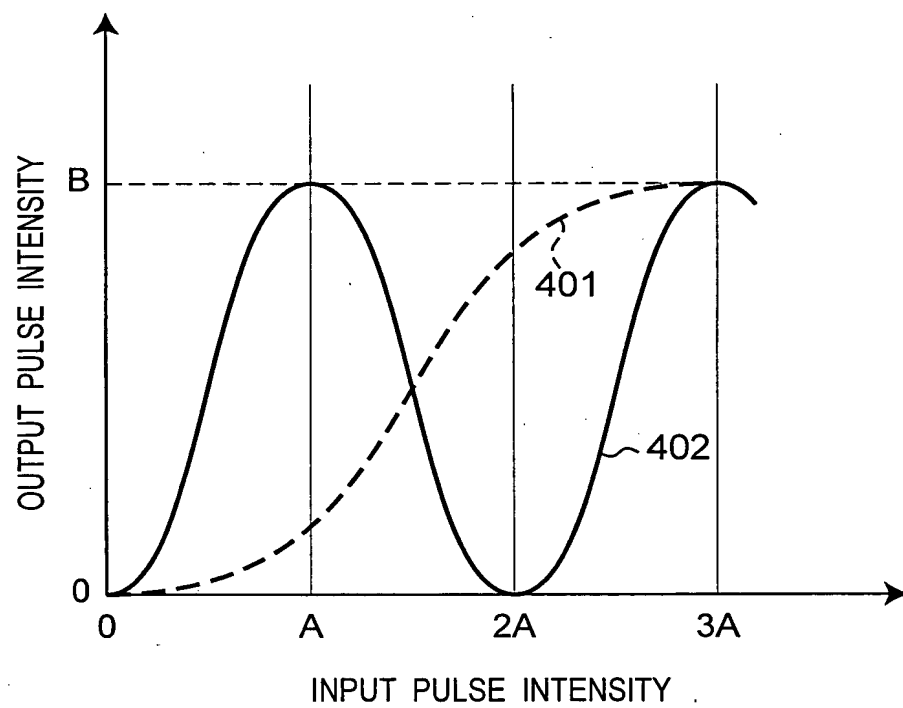
Fig.52

Fig. 53

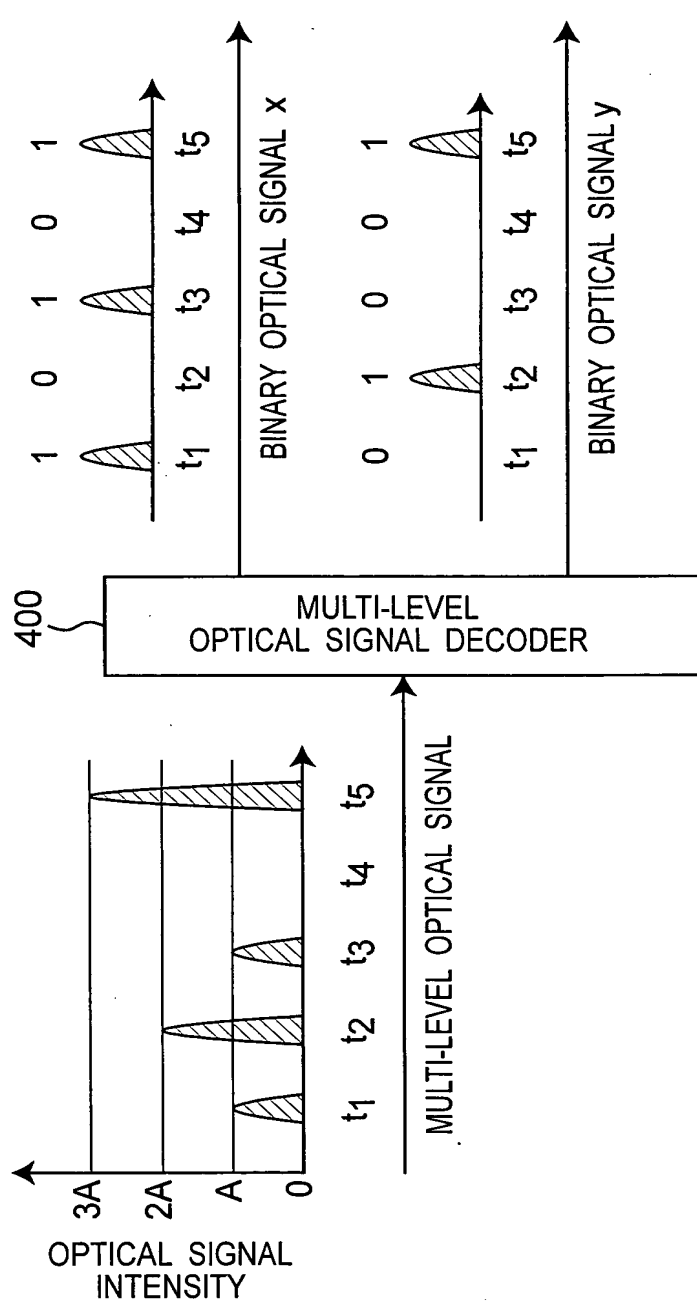


Fig.54

x	y	OPTICAL SIGNAL INTENSITY
0	0	0
1	0	A
0	1	2A
1	1	3A

Fig. 55

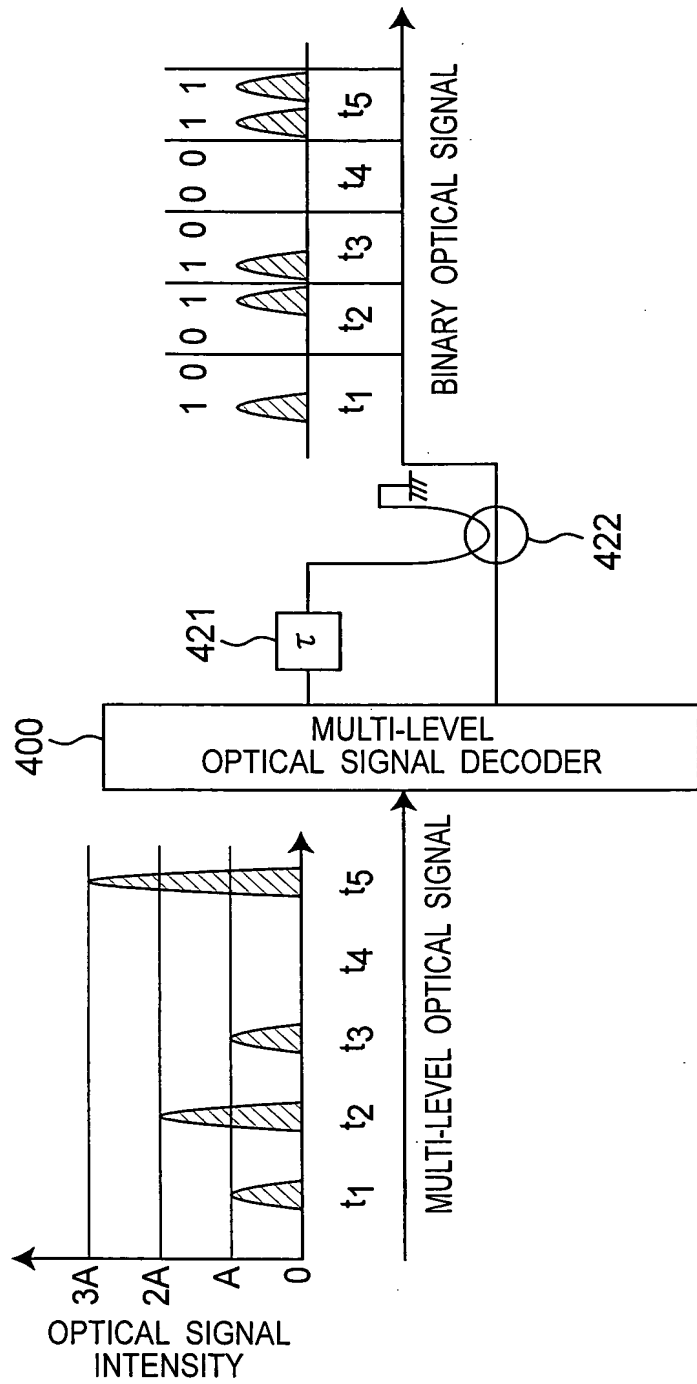


Fig.56

CODE	OPTICAL SIGNAL INTENSITY
00	0
10	A
01	2A
11	3A

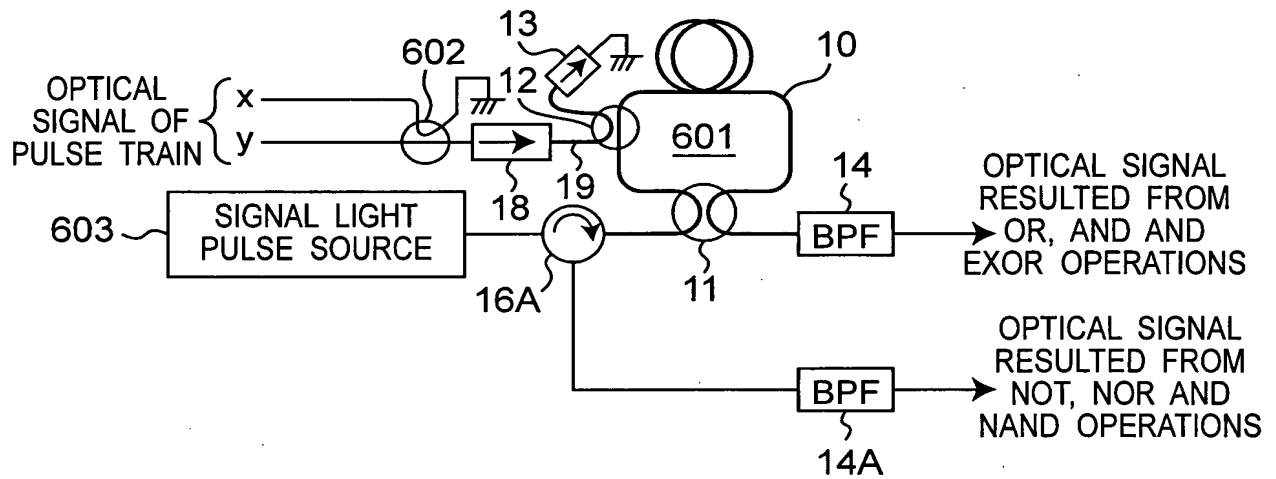
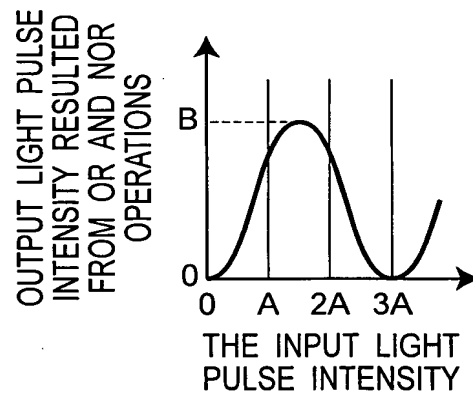
*Fig.57*OPTICAL LOGIC OPERATION CIRCUIT 600*Fig.58*

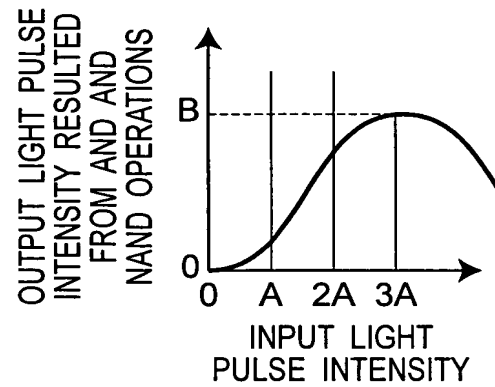
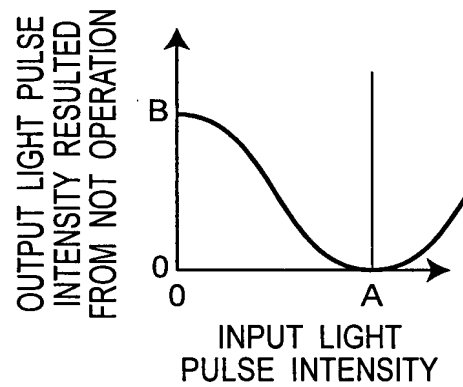
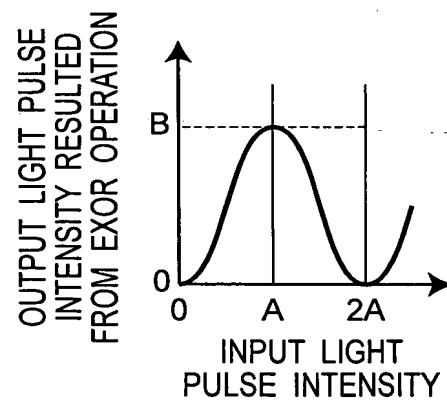
Fig. 59*Fig. 60**Fig. 61*

Fig. 62

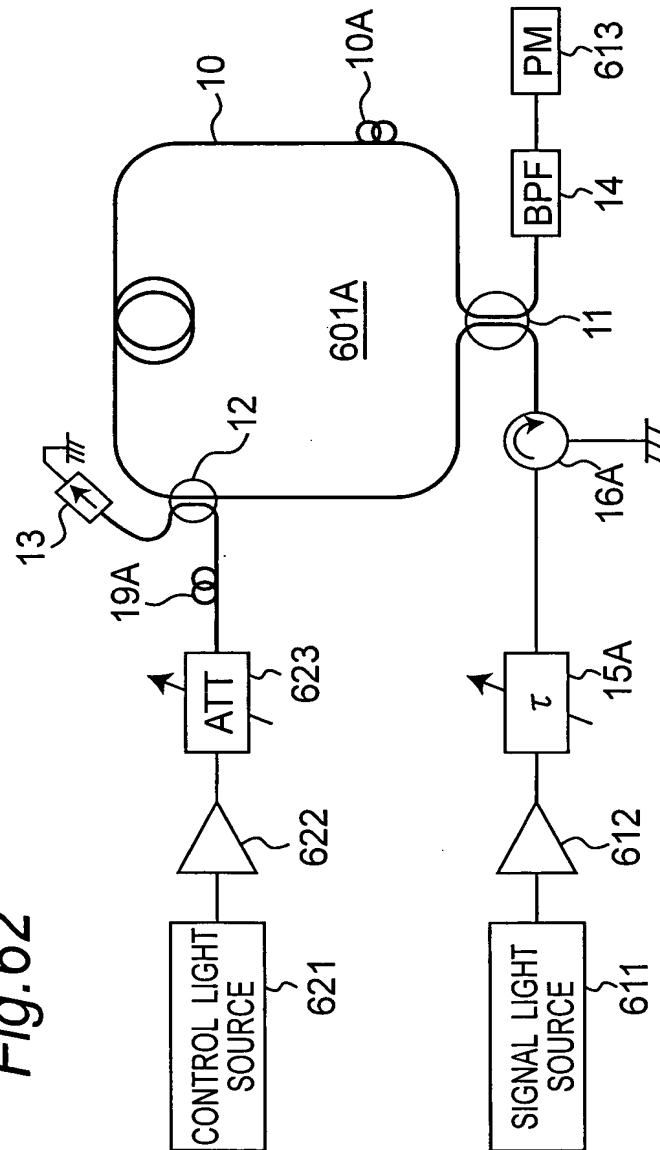
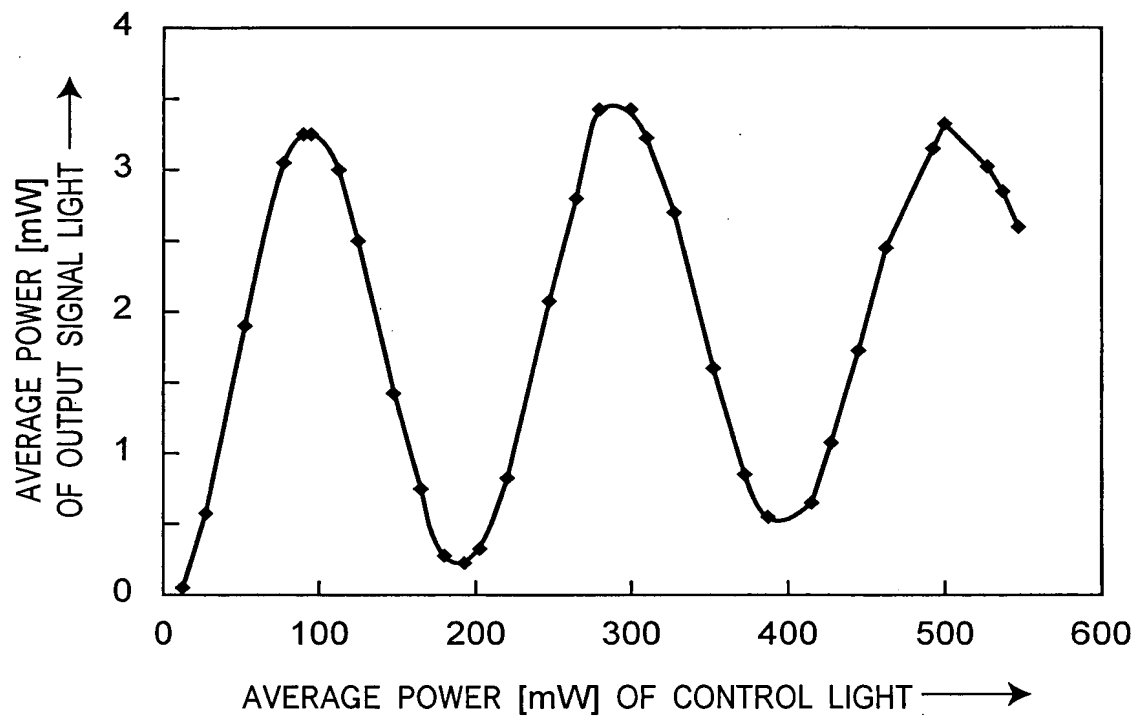


Fig.63

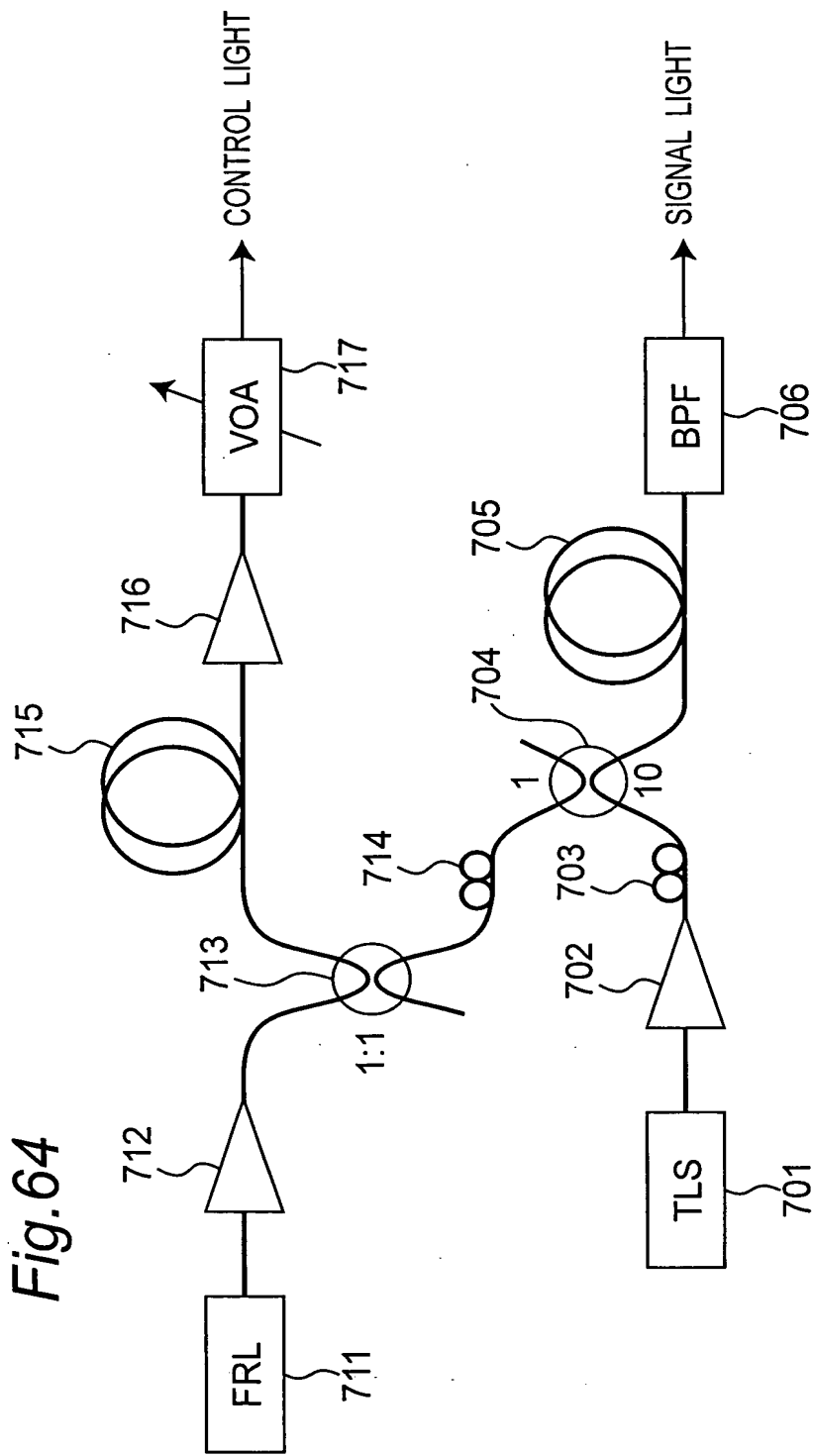


Fig. 65

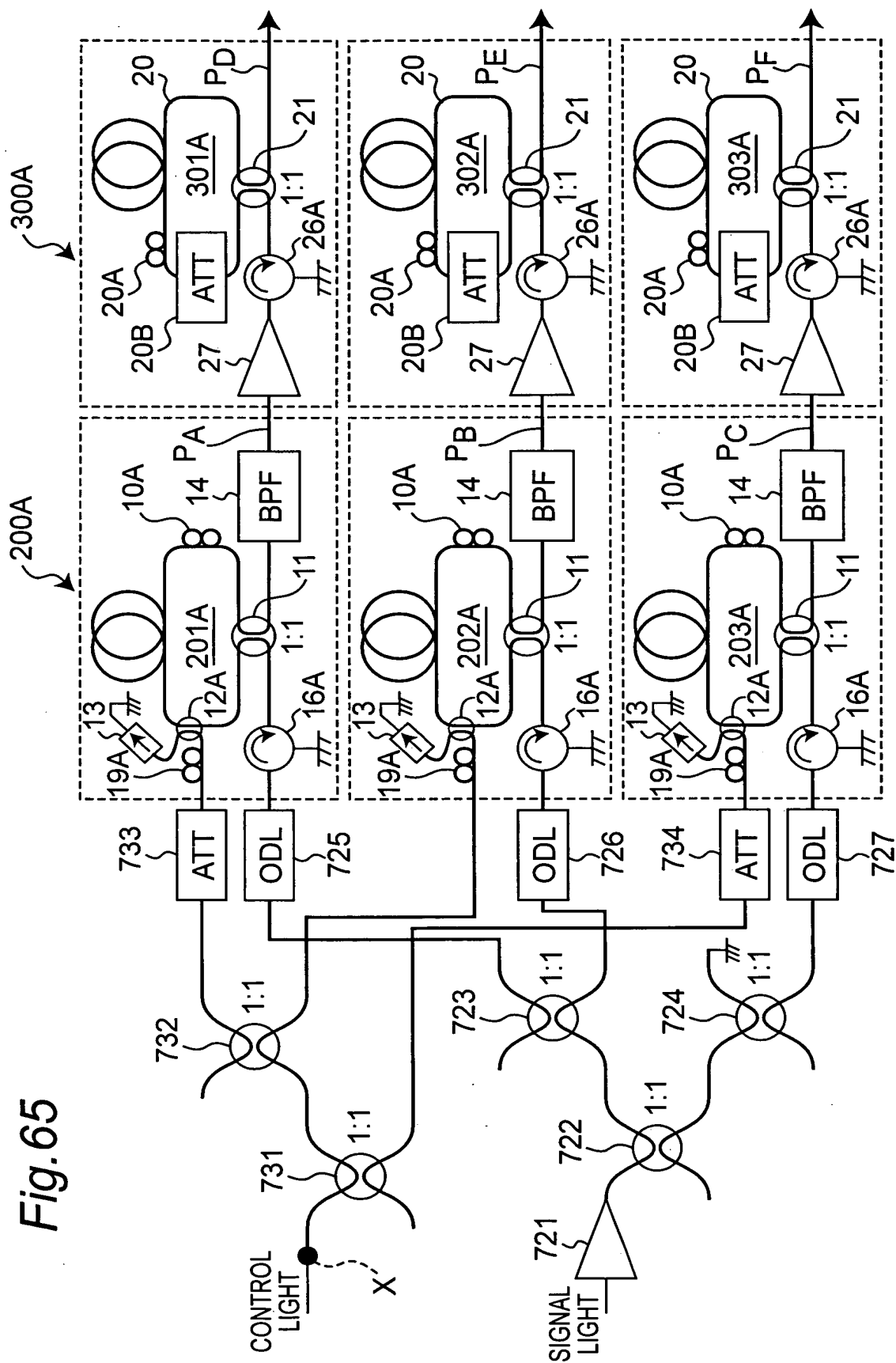


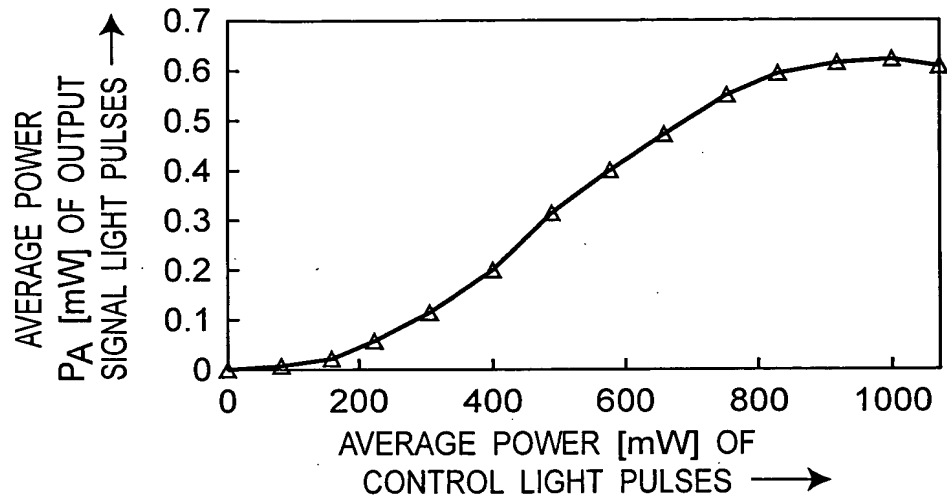
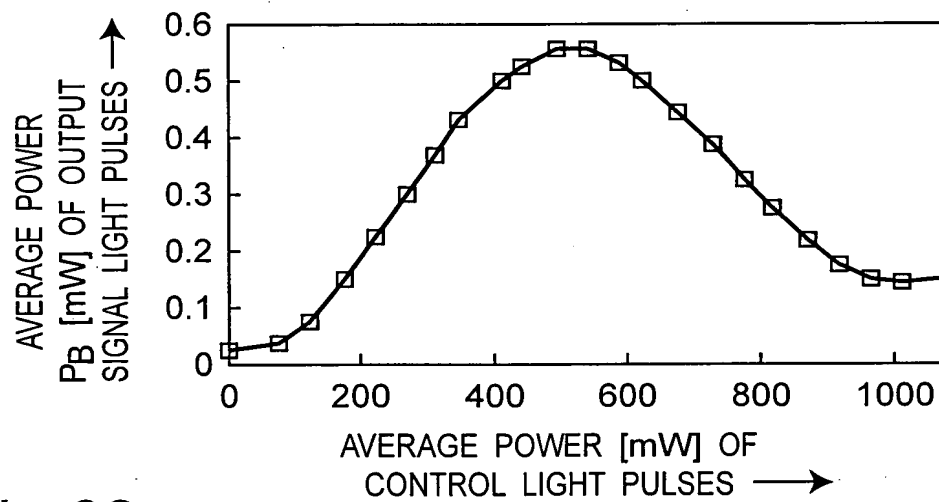
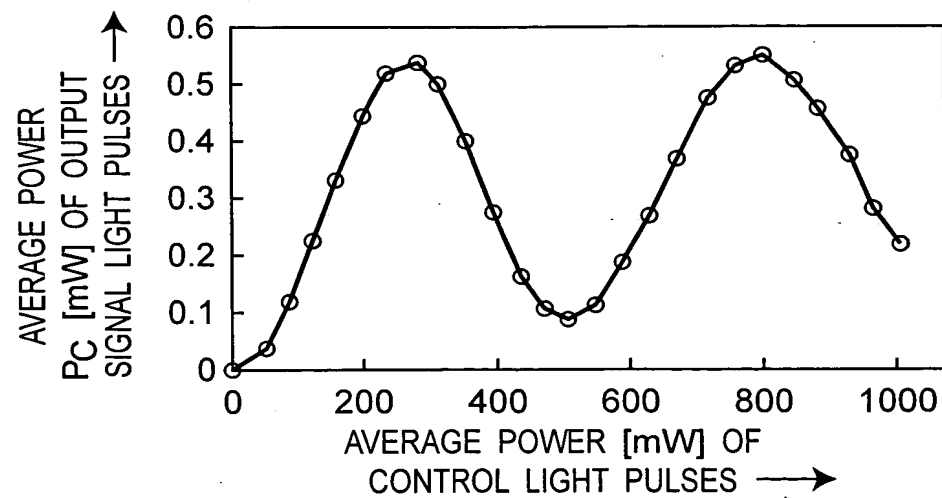
Fig.66*Fig.67**Fig.68*

Fig. 69

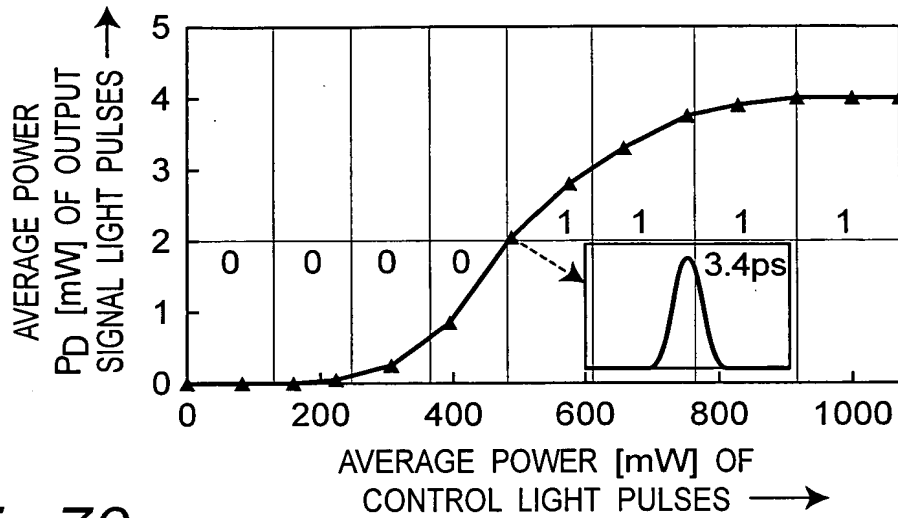


Fig. 70

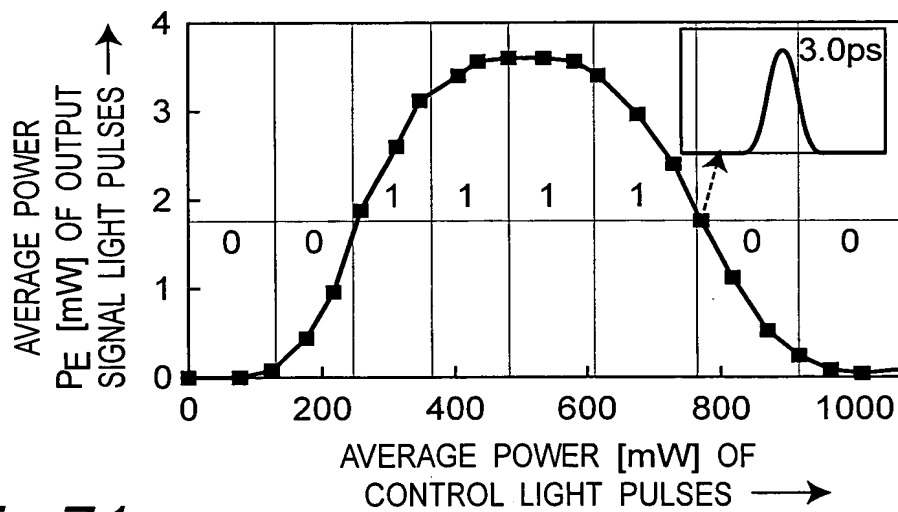
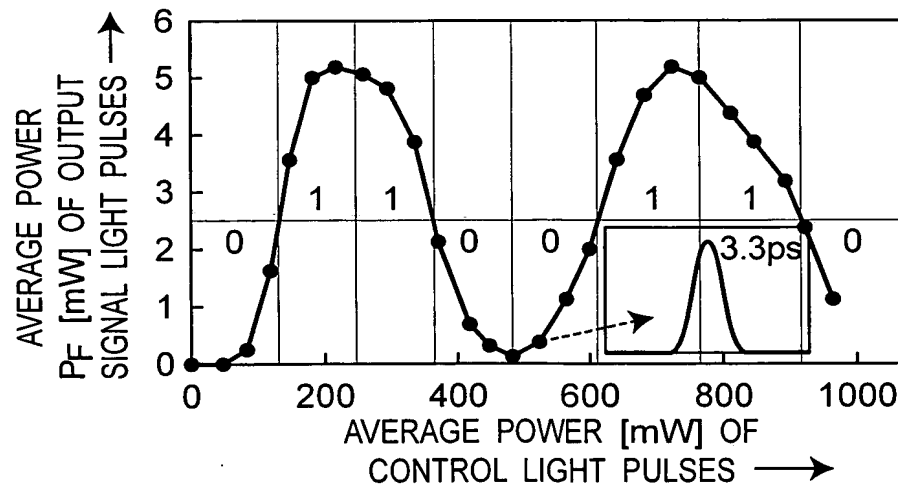


Fig. 71



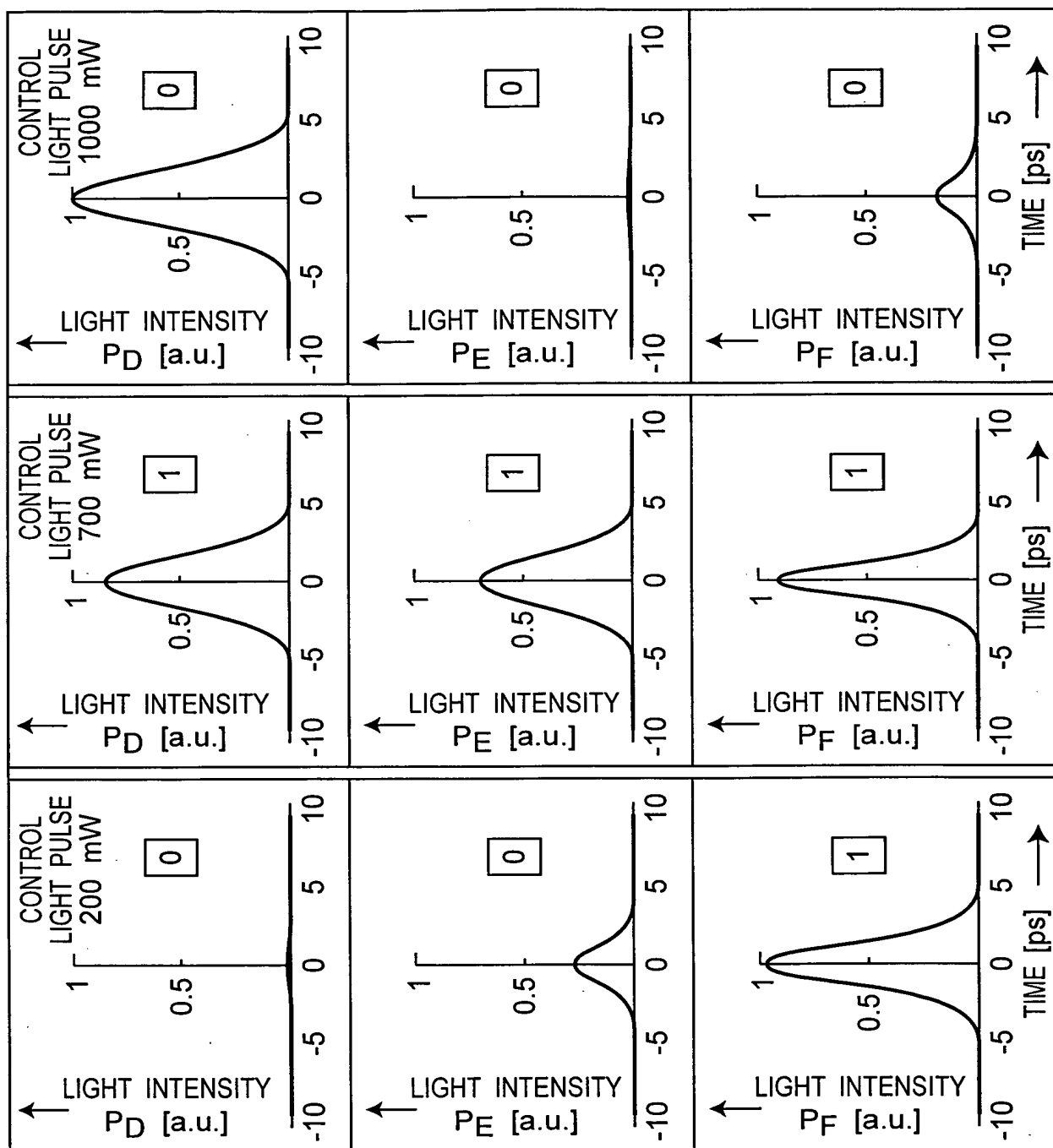


Fig.72